Declaration of Conformity

Digitally signed by Bolea Petru
Date: 2022.12.20 17:51:19 EET
Reason: MoldSign Signature
Location: Moldova

Manufacturer:	Becton, Dickinson and Company 7 Loveton Circle Sparks, MD 21152 USA
Authorized Representative:	Benex Limited Pottery Road, Dun Laoghaire Co. Dublin, Ireland Tel: +353.1.202.5222 Fax: +353.1.202.5388
Conformity assessment procedure:	Annex III of the IVD Directive 98/79/EC.
Product:	491454 - BD PrepStain Consumables Kit (See Annex A for variants) -

We hereby declare that the above mentioned product(s) manufactured after 8/6/2018 complies with the European In Vitro Diagnostic Directive and its relevant transposition into national laws of the member states into which we place the devices.This declaration is issued under the sole responsibility of Becton, Dickinson and Company.

Signed In Baltimore:	8/6/2018
Name and Authority:	Bradford M. Spring , VP, Regulatory Affairs
Signature:	

Technical File Number: BDDSTFCYTRGT

Annex A

BD Reagents and Consumables

BDDSTFCYTRGT Version M

Primary Catalog Number and Product Name:

491454	BD PrepStain™ Consumables Kit

Variants:

490719	BD CytoRich ™ Clear Preservative
491075	BD SurePath™ PreCoat Slides Japan
491248	BD SurePath™ PreCoat Slides
491266	BD SurePath™ Manual Method Kit
491267	BD PrepStain™ Slide Library Kit
491288	BD PrepMate™ Installation Kit
491289	BD PrepStain™ Install Kit
491303	BD PrepStain™ Non-GYN Test Kit
491331	BD Syringing Pipettes
491332	BD Density Reagent
491335	BD CytoRich™ Blue Preservative
491336	BD CytoRich™ Red Preservative
491337	BD SurePath™ Preservative Fluid
491435	BD SurePath™ Manual Method Kit - Japan
491443	BD CytoRich™ Clear Collection Vial
491455	BD PrepMate™ Consumables Kit
491457	BD Alcohol Blend Rinse
491458	BD Cytology Stain Kit
491459	BD Non-GYN Stain Kit

By Royal Charter

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016

This is to certify that:

Becton Dickinson Distribution
Center NV
Laagstraat 57
B-9140 Temse
Belgium

Holds Certificate Number: **MD 611845**

and operates a Quality Management System which complies with the requirements of ISO 13485:2016 for the following scope:

Handling, Packaging, Storage, Distribution and Transportation of Medical Devices, In Vitro Diagnostic Devices, Reagents, Equipment and Accessories, manufactured by Becton Dickinson and Company World Wide Businesses.

For and on behalf of BSI:

Gary E Slack, Senior Vice President - Medical Devices

Original Registration Date: 2014-05-13
Latest Revision Date: 2020-04-15

Effective Date: 2020-05-13
Expiry Date: 2023-05-12

...making excellence a habit.™

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Your local distributor

Product Catalogue

Product Catalogue BD Diagnostics

Diagnostic Systems North West Europe

Product Catalogue

BD Diagnostics - Diagnostic Systems

BD

Helping all people
live healthy lives

BD - your partner in excellence

BD is a leading global medical technology company that develops, manufacturers and sells medical devices, instrument systems and reagents. The Company is dedicated to improving people's health throughout the world. BD is focused on improving drug delivery, enhancing the quality and speed of diagnosing infectious diseases and cancers, and advancing research, discovery and production of new drugs and vaccines. BD's capabilities are instrumental in combating many of the world's most pressing diseases. Founded in 1897 and headquartered in Franklin Lakes, New Jersey, BD employs approximately 30,000 people in more than 50 countries throughout the world. The Company serves healthcare institutions, life science researchers, clinical laboratories, the pharmaceutical industry and the general public.

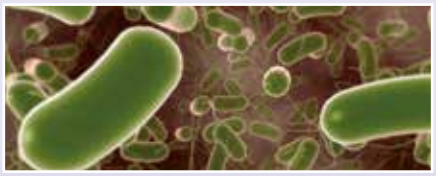
BD Medical

> Diabetes Care
> Medical Surgical Systems
> Pharmaceutical Systems

BD Medical is among the world's leading suppliers of medical devices and a leading innovator in injection- and infusion-based drug delivery since 1906, when the Company built the first-ever facility in the U.S. to manufacture needles and syringes. The BD Medical segment is focused on providing innovative solutions to reduce the spread of infection, enhance diabetes treatment and advance drug delivery.

BD Diagnostics

> Diagnostic Systems
> Preanalytical Systems



BD Diagnostics is a leading provider of products for the safe collection and transport of diagnostics specimens, as well as instruments and reagent systems to accurately detect a broad range of infectious diseases, healthcare-associated infections (HAIs) and cancers. The BD Diagnostics segment focuses on improving health outcomes for patients by providing laboratories with solutions that improve quality, enhance laboratory system productivity and inform medical decisions.

BD Biosciences

> Cell Analysis

BD Biosciences is a world leader in bringing innovative diagnostic and research tools to life science researchers, clinical researchers, laboratory professionals and clinicians who are involved in basic research, drug discovery and development, biopharmaceutical production and disease management. The BD Biosciences segment is focused on continually advancing the science and applications associated with cellular analysis.

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Excellence By Design
BD BACTEC™ FX Blood Culture System

2009 Medical Design Excellence Award Winner.

The design of the BD BACTEC™ FX system has been officially recognised to be the most compact, innovative system for blood culturing.

The Medical Design Excellence Awards recognise groundbreaking innovations that are changing the face of healthcare. The BD BACTEC™ FX, which won a silver award in the In Vitro Diagnostics category, is designed for performance, efficiency, ease of use and flexibility - keeping pace with the rapidly changing needs of the laboratory.

Coupled with an intuitive workflow and intelligent data management, Blood Culture processing has never been easier!

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Blood Culture Systems

BD BACTEC™ Instruments

PRODUCT CODE	SIZE	DESCRIPTION
441385 Top	1	BD BACTEC™ - Blood Culture System BD BACTEC™ FX
441386 Bottom		The BD BACTEC™ FX builds on the proven superior fluorescence detection technology, exceptional media performance and instrument reliability of the BD BACTEC™ 9000 blood culture systems. This is now combined with: The most efficient, intuitive workflow for reduced hands-on time Intelligent cutting-edge data management with enhanced blood culture observation in and out of the laboratory for reduced workflow interruptions and optimised communication of preliminary or final results to caregivers. The BD BACTEC™ FX System has a modular design which easily accommodates the changing capacity requirements of laboratories. The most common configuration of the BD BACTEC™ FX is a two-module system designed as a stack. The stack contains four drawers, each with a 100 vial capacity. Smaller volume laboratories can choose a single, top-unit system with 2 drawers (200 vial capacity in total). For high volume capacity, multiple (up to 20) stack/top-unit options can be seamlessly integrated into a single system using BD EpiCenter™.
442296	1	BD BACTEC™ FX40
		NEW We've created the most compact BD BACTEC™ blood culture system yet (40 vial capacity in total)! • Still the same proven superior fluorescence detection technology, exceptional media performance and instrument reliability of the BD BACTEC™ blood culture systems. • Immediate incubation of blood cultures outside of lab opening hours reduces turnaround times. **Satellite Blood Culture is already possible today. Contact your local Sales Representative to find out how the new BACTEC FX40 will bring additional value to your Blood Culture program.**
445515	Pk of 4	BD BACTEC™ - Lamp indicator
445516	Pk of 10	BD BACTEC™ - Plug
445564	1	BD BACTEC™ - Stand, double
445563	1	BD BACTEC™ - Stand, PC
445561	1	BD BACTEC™ - Stand, single
441370	1	BD BACTEC™ - Digital thermometer
445711	1	BD BACTEC™ - Barcode Holder, optional

BD BACTEC™ Media & BD FOS™ Supplement Kit

PRODUCT CODE	SIZE	DESCRIPTION
442260	50 vials	BD BACTEC™ - Standard/10 Aerobic/F Medium

BD BACTEC™ - Standard/10 Aerobic/F Medium (enriched soybean-casein digest broth with CO_2) is used for the culture and recovery of aerobic microorganisms from blood specimens. Optimal results are obtained when 10 ml of blood is used. This medium does not contain resins intended for antibiotic neutralisation.

442192	50 vials	BD BACTEC™ PLUS - Aerobic/F Medium

BD BACTEC™ PLUS - Aerobic/F Medium (enriched soybean-casein digest broth with CO_2) is used for the culture and recovery of aerobic microorganisms from blood specimens with enhanced recovery. Optimal results are obtained when 8 -10 ml of blood is used. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.

442191	50 vials	BD BACTEC™ - Standard Anaerobic/F Medium

BD BACTEC™ - Standard Anaerobic/F Medium (enriched soybean-casein digest broth with CO_2) is used for the culture and recovery of anaerobic microorganisms from blood specimens. Optimal results are obtained when 5 -7 ml of blood is used. This medium does not contain resins intended for antibiotic neutralisation.

442193	50 vials	BD BACTEC™ PLUS - Anaerobic/F Medium

BD BACTEC™ PLUS - Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO_2) are used for the culture and recovery of anaerobic microorganisms (bacteria and yeasts) from blood specimens. This medium has been designed to allow the addition of 8 - 10 ml of blood. The addition of these larger volumes results in overall higher detection rates and earlier times to detection. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.

442265	50 vials	BD BACTEC™ - Lytic/10 Anaerobic/F Medium

BD BACTEC™ - Lytic/10 Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO_2) are used for the culture and recovery of anaerobic microorganisms from blood specimens. BD BACTEC™ Lytic/10 Anaerobic/F vials contain saponin in order to release phagocytosed microorganisms from leukocytes thus increasing the recovery rate and reducing false positives. This medium has been designed to allow the addition of 3-10 ml of blood. The addition of larger volumes results in overall higher detection rates and earlier times to detection. This medium does not contain resins intended for the neutralisation of antibiotics. The vials provide faster time to detection for facultative and anaerobic organisms compared to standard and PLUS anaerobic media.

442194	50 vials	BD BACTEC™ - BD Peds Plus™ Medium

BD BACTEC™ - BD Peds Plus™ Medium Culture Vials (enriched Soybean-Casein Digest broth with CO_2) are used for the culture and recovery of aerobic microorganisms (mainly bacteria and fungi) from paediatric and other blood specimens which are generally less than 3 ml in volume. The vials contain resin for neutralisation of antimicrobials, thus increasing the recovery of microorganisms from patients under antibiotic treatment.

442003	25 vials	BD BACTEC™ - Myco/F Lytic Medium

BD BACTEC™ - Myco/F Lytic (a modified Middlebrook 7H9 broth) is a non-selective culture medium to be used as an adjunct to aerobic blood culture media for the recovery of mycobacteria, yeast and fungi. This media may also be used for the culture of sterile body fluids when yeast or fungi are suspected. One advantage of this medium is direct inoculation of blood into the blood culture bottle without the need for supplements. Inoculation of blood volumes ranging between 1-5 ml is acceptable, but optimum recovery is obtained with 3-5 ml. This medium is very useful for the characterisation of bloodstream infections of AIDS patients.

442026	25 vials	BD BACTEC™ - Mycosis IC/F Medium Culture Vials
442206	50 vials	BD BACTEC™ - Mycosis IC/F Medium Culture Vials are used for the selective culture and recovery of fungi and yeasts from blood. The medium contains tobramycin and chloramphenicol in order to suppress bacterial growth and saponin in order to release phagocytosed fungi and yeasts from leukocytes. Time to detection of fungi and yeasts is greatly reduced compared to non-selective blood culture media. Acceptable blood volumes range from 8-10 ml. The vials are specially designed for immunosuppressed, neutropenic patients.

257283	25 sets	BD BACTEC™ PLUS Aerobic / Anaerobic Twinset
		Consists of a pair of one BD BACTEC™ Plus Aerobic/F and one BD BACTEC™ Plus Anaerobic/F vial in one conveniently packaged set. Helps to ensure the collection of blood culture sets and thus sufficient volumes of blood. Streamlines the logistics of blood culture vial distribution on the wards.

442153	1 kit	BD BACTEC™ - BD FOS™ Culture Supplement Kit
		BD BACTEC™ FOS™ (Fastidious Organism Supplement) Culture Supplement Kit. Recommended for sterile body fluids other than blood, particularly for CSF specimens. BD FOS™ is provided in a lyophilised form along with a special BD BACTEC™ FOS™ Reconstituting Fluid (BD FOS™ RF) for use with BD BACTEC™ culture media to enhance the growth of fastidious organisms, such as Haemophilus spp. and *Neisseria* spp. 1 set is sufficient to inoculate 20 - 24 blood culture vials.

BD BACTEC™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445529	500	BD BACTEC™ - Barcode Labels
		Extra Vial Sequence barcode labels can be used to replace damaged or unreadable labels on culture vials. The barcode contains sequence numbers which uniquely identify each vial. Universal labels for BD BACTEC™ Media.

249560	50	Subculture/Aerobic Vent
		A safe and easy method for subculturing from BACTEC™ vials.

445519	1	Barcode Menu
		Magnetic barcode scanner panel for BACTEC™ 9000 series.

445518	2	BD BACTEC™ - Vial Tray
		Stainless steel rack for holding 12 BACTEC™ vials.

271056	100	Subculture Aerobic Venting Units for Culture Bottles

445771	100	BD BACTEC™ - Bottle Holder
		Plastic pod for transport of a single BD BACTEC™ vial.
See Description		BD BACTEC™ - SafePod Sysem - Double Pod Assembly
		For safe transportation of BD BACTEC™ bottles around the hosptial and between sites. Conforms to UN3373 transportation guidelines. For 200 Double Pods (2 bottles per pod), order: 4 x 257530 - BD BACTEC™ SafePod Bottle Carrier (Box of 100) 4 x 257533 - BD BACTEC™ SafePod Clip Frame (Box of 50) 1 x 257531 - BD BACTEC™ SafePod Absorbent Fillet (Box of 200)
See Description		BD BACTEC™ - SafePod Sysem - Single Pod Assembly
		For safe transportation of BD BACTEC™ bottles around the hosptial and between sites. Conforms to UN3373 transportation guidelines. For 200 Single Pods (1 bottle per pod), order: 2 x 257530 - BD BACTEC™ SafePod Bottle Carrier (Box of 100) 4 x 257533 - BD BACTEC™ SafePod Clip Frame (Box of 50) 2 x 257532 - BD BACTEC™ SafePod Blank Insert (Box of 50) 1 x 257531 - BD BACTEC™ SafePod Absorbent Fillet (Box of 200)
444374	2	BD BACTEC™ - Air Filters, square

Introducing...
BD BACTEC™ Plastic Bottles

The lastest addition to the BD BACTEC™ range. New Plastic Blood Culture Bottles increase lab convenience while maintaining high quality standards.

- FDA clearance for 442023 BD BACTEC™ Plus Aerobic bottles obtained July 2012
- Provides the convenience of plastic without compromising clinical performance
- Can be used with BACTEC™ 9000 and BACTEC™ FX
- Plastic and glass bottles can be used in the same instrument
- Ready to use after a software update

Contact your Sales Representative today for more details on availability.

BD BACTEC™ Plastic Bottles

PRODUCT CODE	SIZE	DESCRIPTION
442023	50 vials	BD BACTEC™ Bottle Plastic Plus Aerobic Medium
		BD BACTEC™ Plastic PLUS - Aerobic/F Medium (enriched soybean-casein digest broth with CO2). Corresponds to glass bottle 442192 and is available now. For use with BD BACTEC™ 9000 or BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.
442021	50 vials	BD BACTEC™ Bottle Plastic Lytic Anaerobic Medium
		BD BACTEC™ Plastic- Lytic/10 Anaerobic/F Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO2). Corresponds to glass bottle 442265 and will become available in 2013. For use with BD BD BACTEC™ 9000 or BD BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.

BD BACTEC™ Plastic Bottles Available Soon

PRODUCT CODE	SIZE	DESCRIPTION
442955	50 vials	BD BACTEC™ Bottle Plastic Plus PRIME Aerobic Medium
		BD BACTEC™ Plastic Plus PRIME Aerobic Medium (enriched soybean-casein digest broth with CO2). Corresponds to glass bottle 442192. For use with BD BACTEC™ 9000 or BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.
442022	50 vials	BD BACTEC™ Bottle Plastic Plus PRIME Anaerobic Medium
		BD BACTEC™ Plastic Plus PRIME Anaerobic Medium Culture Vials (pre-reduced enriched Soybean-Casein Digest broth with CO2) . Corresponds to glass bottle 442193. For use with BD BACTEC™ 9000 or BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.
442020	50 vials	BD BACTEC™ Bottle Plastic PEDS Plus PRIME Medium
		BD BACTEC™ Plastic PEDS Plus PRIME Medium Culture Vials (enriched Soybean-Casein Digest broth with CO2). Corresponds to glass bottle 442194 and will become available early 2015. For use with BD BACTEC™ 9000 or BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.
442027	50 vials	BD BACTEC™ Bottle Plastic Standard Aerobic Medium
		BD BACTEC™ Plastic Standard Aerobic Medium Culture Vials (enriched Soybean-Casein Digest broth with CO2). Corresponds to glass bottle 442260. For use with BD BACTEC™ 9000 or BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.
442024	50 vials	BD BACTEC™ Bottle Plastic Standard Anaerobic Medium
		BBD BACTEC™ Plastic Standard Anaerobic Medium Culture Vials (enriched Soybean-Casein Digest broth with CO2). Corresponds to glass bottle 442191. For use with BD BACTEC™ 9000 or BD BACTEC™ FX Systems, and requires a software upgrade. Please contact your Sales Representative for further details.

Collection & Transport Systems

BD Difco™ Inoculation Loops & Needles

BD Difco™ Inoculation Loops & Needles 12

BD Specimen Collection & Transport Systems

BD Falcon™ Sputum Collection System. 12
BD BBL™ CultureSwab™ MaxV Collection & Transport Swabs 12
BD BBL™ CultureSwab™ Collection & Transport Swabs 13
BD BBL™ CultureSwab™ EZ Collection & Transport Swabs 13
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BD Falcon™ SWUBE™ Collection and Transport Swabs 14
BD Sterile Pack Swabs 15
BD ProbeTec™ Collection & Transport Systems 15
BD Viper™ XTR Collection & Transport Systems. 15
BD™ ESwab™ 15

Collection & Transport Systems

BD Difco™ Inoculation Loops & Needles

BD Difco™ Inoculation Loops & Needles

PRODUCT CODE	SIZE	DESCRIPTION
220214	250	Sterile disposable Inoculating Loops - 1 µl (Light Green)
220215	1000	Sterile disposable Inoculating Loops - 1 µl (Light Green)
220216	250	Sterile disposable Inoculating Loops - 10 µl (Light Blue)
220217	1000	Sterile disposable Inoculating Loops - 10 µl (Light Blue)
220218	1000	Sterile disposable Inoculating Needles - 1 µl (Violet)

BD Specimen Collection & Transport Systems

BD Falcon™ Sputum Collection System

Engineered for safer sputum collection, transport and handling.
This patented system has been engineered to help protect healthcare workers from accidental exposure to contagious specimens. The specimen is collected directly into a shatter-resistent conical Falcon™ tube, then a protective flap seals off the collection end. The unique hinged design allows for a screw cap to be tightened over the specimen tube without the clinician touching the cap or the collection end of the tube.

PRODUCT CODE	SIZE	DESCRIPTION
290020	72	Falcon™ Sputum Collection System

BD BBL™ CultureSwab™ MaxV Collection & Transport Swabs

BD CultureSwab MaxV is designed for the collection and transport of aerobes and is available with Liquid Stuart or Liquid Amies.
BD CultureSwab MaxV(+) is available with an Amies Gel without Charcoal for sampling both aerobic and anaerobic organisms.
The swab consists of a soft rayon tip embedded with hypoallergenic, non-animal proteins, which allows for a higher level of recovery of organisms.
Suitable for throat, vaginal, skin and wound specimens.

PRODUCT CODE	SIZE	DESCRIPTION
220231	50	CultureSwab™ MaxV - Liquid Amies, Single Swab
220232	50	CultureSwab™ MaxV - Liquid Amies, Double Swab
220233	50	CultureSwab™ MaxV - Liquid Stuart, Single Swab
220234	50	CultureSwab™ MaxV - Liquid Stuart, Double Swab
220235	50	CultureSwab™ MaxV(+) - Amies Gel w/o Charcoal, Single Swab
220236	50	CultureSwab™ MaxV(+) - Amies Gel w/o Charcoal, Double Swab

BD BBL™ CultureSwab™ Collection & Transport Swabs

Designed for Collection and Transport of Aerobes.
These swabs are ideal for Gram straining procedures because of minimal interference or dilution from the transport medium. Each CultureSwab™ comprises a sterile peel-pouch containing a rayon-tipped swab applicator used to collect the sample and a tube containing transport medium into which the swab is placed after sampling. The transport media are non-nutritious, buffered with phosphate and provide a reduced environment due to their formulation with sodium thioglycollate.

PRODUCT CODE	SIZE	DESCRIPTION
220093	50	CultureSwab™ - Liquid Amies, Single Swab
220099	50	CultureSwab™ - Liquid Stuart, Single Swab
220109	50	CultureSwab™ - Liquid Stuart, Double Swab
		For throat, vaginal, skin and wound specimens.
220133	50	CultureSwab™ - Liquid Stuart, Mini-tip, Single Swab
		For male urethral sampling, as well as ear, nose, throat and eye specimens. Mini-tip swab on a soft aluminium wire.
220097	50	CultureSwab™ - Cary-Blair Agar, Single Swab
		For faecal specimens, fastidious organisms and enteric pathogens.
220115	100	CultureSwab™ - Sterile, Single Swab without medium
		For general specimens & general laboratory use.

BD BBL™ CultureSwab™ EZ Collection & Transport Swabs

Media-free Aerobic Transport.
The BBL CultureSwab™ EZ and CultureSwab™ EZ II collection and transport systems are simple to use and media-free. The patented polyurethane swab utilises a special polyurethane open-celled structure that protects and releases organisms from their own environment. Like a sponge, the open pores pick up the organisms from their environment and protects them in a state of homeostasis during transport. The medium-free nature of the system prevents specimen dilution and nonviable organisms that can be present with devices containing transport media.

PRODUCT CODE	SIZE	DESCRIPTION
220144	100	CultureSwab™ EZ - Single Swab
220145	100	CultureSwab™ EZ II - Double Swab

BD BBL™ CultureSwab™ Plus Collection & Transport Swab

The BBL CultureSwab™ Plus Collection and Transport System features Amies Agar gel media with oxygen-scavenging agents, for sampling of both aerobic and anaerobic organisms.

PRODUCT CODE	SIZE	DESCRIPTION
220116	50	BD CultureSwab™ PLUS - Amies Gel without Charcoal, Single Swab
		For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Amies gel but no charcoal. Single swab with plastic shaft.
220121	50	BD CultureSwab™ PLUS - Amies Gel with Charcoal, Single Swab
		For throat, urogenital and wound specimens. Single swab with plastic shaft.

BD BBL™ Port-A-Cul™ Transport Systems

Gold-Standard Anaerobe Viability.
Port-A-Cul Transport Systems offer a unique non-nutritive pre-reduced transport medium that retards diffusion of oxygen after specimen addition, and supports the viability of anaerobic organisms for up to 72 hours.

PRODUCT CODE	SIZE	DESCRIPTION
221606	10	Port-A-Cul™ Tube
221607	10	Port-A-Cul™ Tube, Sterile (includes sterile rayon swab)
221608	10	Port-A-Cul™ Vial
221609	10	Port-A-Cul™ Vial, Sterile
221602	10	Port-A-Cul™ Transport Jars, Sterile

BD BBL™ Vacutainer™ Anaerobic Specimen Collector

The only media-free system for anaerobic specimen collection.
The device offers a built-in oxygen-elimination system that's achieved by depressing a plunger and a reliable colour-change indicator to ensure that anaerobic conditions have been achieved. Plus, the medium-free environment keeps the specimen moist while allowing direct, fast and easy plating in the laboratory.

PRODUCT CODE	SIZE	DESCRIPTION
236500	100	Vacutainer™ Anaerobic Specimen Collector

BD Universal Viral Transport (UVT) System

Room-temperature viability for viruses, Chlamydiae, Mycoplasmas and Ureaplasmas.
BD Universal Viral Transport (UVT) System includes a single formulation that is room temperature stable. BD UVT can sustain viability (and infectivity) of a plurality of organisms that include clinically important viruses, chlamydiae, mycoplasmas and ureaplasmas. The formulation of the medium is specially designed to include protein for stabilisation, antibiotics to minimise bacterial and fungal contamination and a buffer to maintain a neutral pH. As a result, viruses and chlamydiae can be preserved for long-term storage when frozen. Polyester-tipped swabs.

PRODUCT CODE	SIZE	DESCRIPTION
220220	50	Universal Viral Transport (UVT) Medium - 3ml vial
220221	50	UVT Standard Kit (3ml vial with 2 regular swabs)
220222	50	UVT Combo Kit (3ml vial with 1 regular swab & 1 minitip swab)
220239	100	UVT Standard Swabs - 2 regular swabs per pouch
220240	100	UVT Combo Swabs - 1 regular swab & 1 minitip swab per pouch
220526	100	UVT Collection Kit (1ml vial with 1 minitip swab)
220244	50	UVT Vial

BD Falcon™ SWUBE™ Collection and Transport Swabs

A simple, flexible and effective way to collect, transport, protect and store specimens. Provided without media to enable dry sample transport, or alternatively can be used with your own reagents, media or solutions.

PRODUCT CODE	SIZE	DESCRIPTION
220210	200	SWUBE™ - Single cotton swab, screw cap
220710	200	SWUBE™ - Single polyester swab, screw cap
220690	1000	SWUBE™ - Single polyester swab, screw cap
220090	200	SWUBE™ - Single cotton swab, friction cap
281130	200	SWUBE™ - Dual cotton swab, screw cap

BD Sterile Pack Swabs

BD Sterile Pack Swabs are used to collect microbial samples in clean rooms, isolators and other critical environments where the RODAC plates for surface sampling cannot be used. The swabs are pre-moistened to significantly improve the uptake of sample material particulary when sampling dry surfaces.

PRODUCT CODE	SIZE	DESCRIPTION
220518	200	Sterile Pack Swabs

Maximum sterility with double wrapped packaging, gamma-irradiation and performance-validation.
Product Features:

- Packaged 50 to a box, with 10 single wrapped swabs in each doublewrapped pouch
- Polypropylene tube is pre-filled with a 10ml rinse solution
- Simple sampling and transport–easy-to-use swab is fixed to the screw cap
- Complies with ISO guidelines
- Each lot comes with a Certificate of Analysis
- ATP-free, Dacron™ swab
- Saves time, no need to create your own media and swab/solution set in-house
- Convenient and cost-effective solution
- One year shelf-life, at room temperature storage

BD ProbeTec™ Collection & Transport Systems

PRODUCT CODE	SIZE	DESCRIPTION
220142	100	BD ProbeTec™ ET - Collection Kit for Endocervical Specimens "Female Wet Swab"
220143	100	BD ProbeTec™ ET - Collection Kit for Male Urethral Specimens "Female Dry Swab"
440476	100	BD ProbeTec™ Culturette™ Direct - Collection and Transport System "Female Dry Swab"
440461	100	BD ProbeTec™ Mini-Tip BD Culturette™ Direct "Male Dry Swab"
440928	100	BD ProbeTec™ Urine Preservative Transport Kit

BD Viper™ XTR Collection & Transport Systems

PRODUCT CODE	SIZE	DESCRIPTION
441122	100	Vaginal Specimen Transport for CT/GC QX Amplified DNA Assays
441357	100	Female Endocervical Specimen Collection Kit for CT/GC QX Amplified DNA Assays
441358	100	Male Urethral Specimen Collection Kit for CT/GC QX Amplified DNA Assays
441362	100	Urine Preservative Transport for CT/GC QX Amplified DNA Assays

BD™ ESwab™

PRODUCT CODE	SIZE	DESCRIPTION
220245	50	BD™ ESwab™ Regular Collection Kit

White polypropylene screw-cap tube filled with 1 mL of Liquid Amies Medium and one regular size flocked applicator swab.

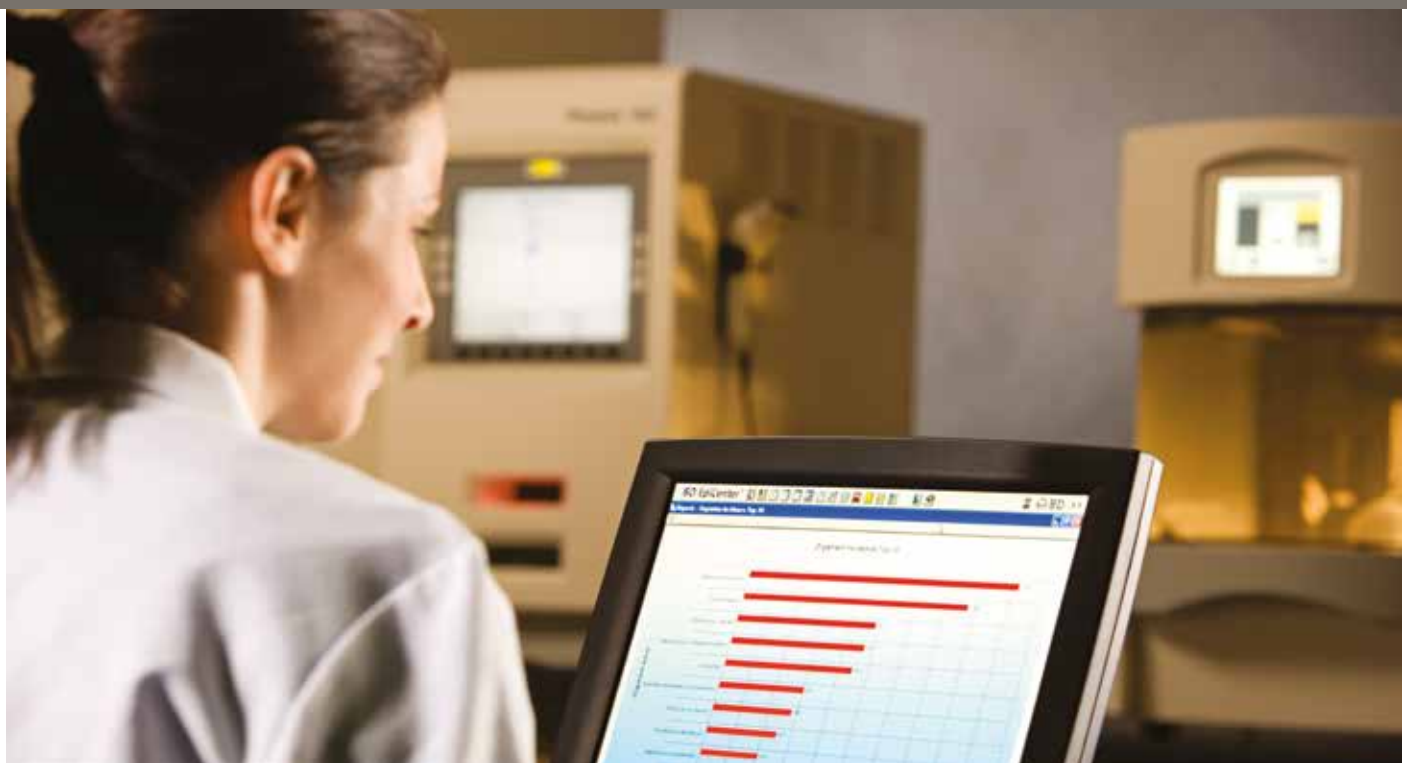
220246	50	BD™ ESwab™ Minitip Collection Kit

Green polypropylene screw-cap tube filled with 1 mL of Liquid Amies Medium and one minitip flocked applicator swab.

220532	50	BD™ ESwab™ Flexible Minitip Collection Kit

Blue polypropylene screw-cap tube filled with 1 mL of Liquid Amies Medium and one flexible minitip flocked applicator swab.

Data Management, Statistics & Epidemiology



BD EpiCenter™ Advanced Data Management System

A Powerful Microbiology Data Concentrator designed for Easy Management

- BD instruments connected in a plug-and-play manner
- All information related to your patients, specimens and tests are received automatically from your LIS
- Homogeneous data management for your patient test results supplemented with offline test results
- Long term patient results storage that can be retrieved quickly for better patient care
- Full tracking of information that is entered or changed to support your laboratory accreditation effort
- Data safeguarding via an automatic nightly database backup

Efficient Results, Analysis and Biological Validation

- Accurate representation of microbiology results
- BDXpert™ System enhances the interpretation of AST results as recommended by EUCAST, NCCLS, SFM or DIN.
- Holistic and historic view of patient results for more targeted and accurate patient treatment
- Fast intervention possible via alerts on unexpected patterns of antibiotic resistance, technical errors or quality concern
- Rapid access to historical patients' microbiology test results at any time

Efficient Data Mining Tool for the Epidemiology of Infectious Diseases

- Alert generated when specific resistant markers (ESBL, MRS, VRE, HLGR or HLSR, S-BL etc.) are detected
- Real time alerts for suspected nosocomial infections
- Cost savings as a result of fast patient isolation measures
- Pre-defined and customised queries and reports (phenotypes, MIC trends, organism incidence, resistance mechanism trends, etc.) that can be shared and reported to your public health department
- Ease of use with a modern graphical user interface to examine data and trends in a variety of ways (lists, graphs, dynamic views))

The Perfect Companion for your Laboratory Information System (LIS)

- Only one connection between all your BD instruments and your LIS
- Real time communication
- Bi-directional LIS interface with Host Query (according to ASTM standards)
- Extensive list of information which can be exchanged with your LIS

BD EpiCenter™ Advanced Data Management System

The BD EpicenterTM PLUS System is a modular system that can be extended by several modules:

BD Epicenter™ Plus Filter Package

Module consisting of several pre-defined filters and reports developed for epidemiology, statistics and surveillance.

BD Epicenter™ EpiCARE™

EpiCenter's EpiCARE™ (Clinical Application rules Editor) is a state-of-the-art tool designed to complement and enhance the BDXpert system for managing ID/AST results. EpiCARE™ allows the users to automate their local laboratory policies (such as supervisory rules) as well as perform a variety of important management support functions within the laboratory. EpiCARE™ rules can be created to trigger a variety of actions based on a wide range of input criteria.

BD Epicenter™ Multi-user

Module which supports the use of multiple workstations. These workstations have access to most functions of the server, and have full visibility to instrumentation regardless of location.

Epi- Maldi Interface Module

Module which offers a direct connection with the Bruker Maldi Biotyper™ to enhance the Biotyper workflow, integrate organism ID with BD Phoenix™ AST results and speed-up result review and reporting.

Epi- Innova Interface Module

Module which offers, together with the BD INNOVA™, an integrated solution for the automation of lab processes.

Blood Volume Monitoring Module

The EpiCenter™ Blood Volume Monitoring Module offers automated information about the estimated volume of blood in a series of BD BACTEC™ Plus aerobic blood culture bottles, generated by the BD BACTEC™ FX system.

Tb-eXiST Filter package

Module developed for second line susceptibility tests. Tb-eXist allows to identify the tested drug on software level and enhances the interpretation if the growth unit values.

BD Epicenter™ Sentinel

Module that allows you to configure destinations for system messages in a multi-user environment, and email notifications in both stand-alone or multi-user environments when certain system messages or Sentinel events as defined in BD EpiCARE™ occur. Since pagers and cell phones are accessible via email, these devices can also be notified.

BD Epicenter™ Barcode Printing Module

Module that allows you to print barcode labels suitable for affixing to BD consumables (media plates, MGIT™ tubes, BACTEC™ bottles and Phoenix™ panels/tubes) and manual consumables. This option allows you flexibility to configure the size and contents of barcode labels and to save your barcode label configuration.

Get the most out of your research
BD Agars & Culture Media

Difco & BBL Manual, 2nd Edition

Download from our website http://www.bd.com/ds/technicalCenter/documents.asp

Because Quality in ⇨ Quality out

The pressure to get results within the limited time of your research can be difficult - especially when dealing with organisms which need time to grow.

This is where BD can help. With over a hundred years experience supplying microbial culture media and ingredients, our products are designed specifically to meet your growth requirements.

Whether you want to maximise yield, optimise growth, selectively enrich, identify, or just maintain stock cultures, BD has a medium for you.

Now there is an additional resource available to help with your research: The Difco™ & BBL™ Manual of Microbiological Culture Media.

This 686-page handbook provides formulations, colour pictures and explanations of how each component of the medium works, plus scientific references for each medium type.

Dehydrated Culture Media (DCM)

BD Culture Media & Ingredients

Gelling Agents: Agar and Gelatin 20
Culture & Analysis Media: 21
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Carbohydrates for Culture Media 58
Molecular Genetics Media: BD Difco™ Quality 58

Dehydrated Culture Media (DCM)

BD Culture Media & Ingredients

Gelling Agents: Agar and Gelatin

PRODUCT CODE	SIZE	BRAND	DESCRIPTION
212304	500g	BBL™	Agar, Grade A
			Agar, Grade A is a high-grade agar, specially processed for microbiological purposes. It is routinely used as a solidifying agent in microbiological media.
214530	500g	Difco™	Agar, Granulated
214510	2kg		Used as a solidifying agent for culture media. Carefully monitored for cultural response, solubility and gelation temperature. High quality agar for use in clinics and biotechnology, equivalent to BD BiTek™. Suitable for culturing recombinant strains of *Escherichia coli* (HB 101) and *Saccharomyces cerevisiae*. May be used for general bacteriological purposes where clarity is not a strict requirement.
214520	10kg		
214220	100g	Difco™	Agar, Noble
214230	500g		Noble Agar is extensively washed and bleached. This agar should be used for immunodiffusion, some electrophoretic applications, as a substrate for mammalian and plant tissue culture, nutritional procedures and in preparing microbiological culture media when increased purity is required.
214050	100g	Bacto™	Agar (purified)
214010	454g		Purified Agar in which extraneous matter, pigmented portions and salts are reduced to a minimum. Used for the determination of motility and the growth of anaerobes and microaerophiles.
214030	2kg		
214040	10kg		
281230	500g	Difco™	Agar, Technical
281210	2kg		Agar, Technical is a solidifying agent used in preparing microbiological culture media. Although Agar, Technical has wider quality control parameters than other bacteriological agars, solubility, gelation temperature and solidity are carefully monitored.
214340	500g	Difco™	Gelatin
214320	10kg		Gelatin is a protein of uniform molecular constitution derived chiefly from the hydrolysis of collagen. Collagens are a class of albuminoids found abundantly in bones, skin, tendon, cartilage and similar tissues of animals. Gelatin is used in culture media to detect gelatin liquefaction by bacteria and as a nitrogen and amino acid source.
212272	500g	BBL™	Agarose
			Agarose is a complex galactose polysaccharide of near neutral charge. It is specially prepared and is intended mainly for use in gel electrophoresis.

Culture & Analysis Media: BD Bacto™, BD BBL™ and BD Difco™ Quality

PRODUCT CODE	SIZE	BRAND	DESCRIPTION
218231	500g	Difco™	A-1 Medium
			For detecting faecal coliforms in water.
274210	500g	Difco™	Acetate Differential Agar
			Differentiation of members of *Shigella* genus from Escherichia genus.
212168	500g	Difco™	Actinomycete Isolation Agar
			For isolating and cultivating actinomyces from soil and water. Use with Glycerol (Cat. Nos. 228210 & 228220)
210912	500g	BBL™	AK Agar #2 (Sporulating Agar)
			Culture medium for the preparation of spore suspensions for use in procedures for the detection of antibiotic residues in milk and dairy products.
218151	500g	Difco™	Anaerobe Broth MIC
			Used for susceptibility testing of anaerobes by the broth dilution technique.
253610	500g	Difco™	Anaerobic Agar
			General purpose medium for anaerobic bacteria.
226340	500g	Difco™	Antibiotic Medium 1
			Penassay Seed Agar. Microbiological assay of antibiotics.
227020	500g	Difco™	Antibiotic Medium 2
			Penassay Seed Agar. Microbiological assay of antibiotics.
224320	500g	Difco™	Antibiotic Medium 3
210932	500g	BBL™	Penassay Broth. Microbiological assay of antibiotics. Product 210932 is from our BBL™ range, as is BBL™ Antibiotic Assay Broth (Antibiotic Medium 3).
224310	2kg	Difco™	
224410	500g	Difco™	Antibiotic Medium 4
			Yeast Beef Agar. Microbiological assay of antibiotics.
227710	500g	Difco™	Antibiotic Medium 5
			Streptomycin Assay Agar. Microbiological assay of antibiotics.
266710	500g	Difco™	Antibiotic Medium 8
			Same as Medium 2, except for the final pH after autoclaving.
246210	500g	Difco™	Antibiotic Medium 9
			Polymyxin Base Agar. Microbiological assay of antibiotics.
246310	500g	Difco™	Antibiotic Medium 10
			Polymyxin Seed Agar. Microbiological assay of antibiotics.

259310	500g	Difco™	Antibiotic Medium 11
			Erythromycin/Neomycin Agar. Microbiological assay of antibiotics.
266910	500g	Difco™	Antibiotic Medium 12
			Microbiological assay of antibiotics.
243100	500g	Difco™	Antibiotic Medium 19
			Microbiological assay of antibiotics.
265430	500g	Difco™	APT Agar
			Used for culturing *Weissella (Lactobacillus) viridescens* ATCC™ 12706 used in the assay of thiamine. It is also used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content.
265510	500g	Difco™	APT Broth
			Used for culturing *Weissella (Lactobacillus) viridescens* ATCC™ 12706 used in the assay of thiamine. Also used for cultivating heterofermentative lactobacilli and other organisms requiring high thiamine content.
240920	100g	Difco™	Azide Blood Agar Base
			Used for isolating streptococci and staphylococci and, supplemented with blood, for determining haemolytic reactions.
238710	500g	Difco™	Azide Dextrose Broth
			Used for isolating streptococci and staphylococci and, supplemented with blood, for determining haemolytic reactions.
245710	100g	Difco™	B12 Assay Medium
			To determine vitamin B12 concentration by microbiological assay technique.
254110	100g	Difco™	B12 Culture Agar
			To cultivate *L. delbrueckii* subsp. *lactis* ATCC™ 7830 used in Vitamin B12 Activity Assay.
254210	100g	Difco™	B12 Inoculum Broth
			To prepare inoculum of *L. delbrueckii* subsp. *lactis* ATCC™ 7830 used in Vitamin B12 Activity Assay.
276840	500g	Difco™	Baird-Parker Agar Base
276810	2kg		To prepare Egg Tellurite Glycine Pyruvate Agar (ETGPA). May also be used to identifiy staphylococci on their ability to clear egg yolk. Use with EY Tellurite Enrichment (Cat. Nos. 277910 and 212357) for detection and enumeration of coagulase-positive staphylococci from food, skin, soil, air and other materials.
212327	500g	BBL™	BCYE Agar Base
			Used in qualitative procedures for isolation of *Legionella* species from clinical specimens and nonclinical (environmental) samples. Use with *Legionella* Agar Enrichment, Cat. No. 233901.
213210	500g	Difco™	Beef Heart for Infusion
			Component of Heart Infusion Media, used in mass production of microorganisms for vaccine production and specified in standard methods of other multiple applications.
271710	500g	Difco™	BG Sulfa Agar
			Used for isolating *Salmonella*.

211027	500g	BBL™	BiGGY Agar
			BiGGY (Bismuth Sulfite Glucose Glycine Yeast) is a selective and differential medium used in the detection, isolation and presumptive identification of *Candida* species.
299068	500g	BBL™	Bile Esculin Agar
			Used to differentiate enterococci and the *Streptococcus bovis* group from other streptococci.
241910	100g	Difco™	Biotin Assay Medium
			For determining biotin concentration by the microbiological assay technique using Lactobacillus plantarum ATCC 8014 as a test organism.

273300	500g	Difco™	Bismuth Sulfite Agar
			Bismuth Sulfite Agar is a highly selective medium used for isolating *Salmonella* spp., particularly *Salmonella* serotype Typhi, from food and clinical specimens. Bismuth Sulfite Agar is a modification of the Wilson and Blair formula.
211037	500g	BBL™	Blood Agar Base (Infusion Agar)
211038	5lb		Infusion medium for isolation and cultivation of a wide variety of microorganisms. Can be used with added blood for cultivation of fastidious microorganisms.
248200	500g	Difco™	Bordet Gengou Agar Base
			Used with added blood and glycerol in qualitative procedures for the detection and isolation of Bordatella pertussis from clinical specimens. Use with Glycerol. (Cat. Nos. 228210 & 228220.)
211057	500g	BBL™	Brain Heart (Infusion) CC Agar
			Selective medium used for the isolation of pathogenic fungi from specimens heavily contaminated with bacteria and saprophytic fungi. It also serves as the base for enriched and more selective media when supplemented with sheep blood and antibiotics.
241820	100g	Difco™	Brain Heart Infusion Agar
241830	500g	Difco™	General-purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts and moulds. With the addition of 5% or 10% sheep blood, it is used for the isolation and cultivation of a wide variety of fungal species, including systemic fungi from clinical and nonclinical specimens.
211065	500g	BBL™	
241810	2kg	Difco™	
299069	500g	BBL™	Brain Heart Infusion Agar, Modified
			General purpose medium, differing from Brain Heart Infusion Agar by the quantities of the infusion and peptone components utilised.
237400	100g	Bacto™	Brain Heart Infusion Broth
237500	500g	Bacto™	General-purpose liquid medium used in the cultivation of fastidious and nonfastidious microorganisms, including aerobic and anaerobic bacteria from a variety of clinical and nonclinical materials. It serves as a base for supplemented media containing 0.1% agar, Fildes enrichment or 6.5% sodium chloride.
211059	500g	BBL™	
237300	10kg	Bacto™	
237200	2kg	Bacto™	
211061	1.4kg	BBL™	
299070	500g	BBL™	Brain Heart Infusion Broth, Modified
			For the cultivation of fastidious organisms; contains modified quantities of the ingredients and contains pancreatic digest of casein instead of pancreatic digest of gelatin.
256120	500g	Bacto™	Brain Heart Infusion, Porcine
			For the cultivation of fastidious microorganisms using porcine as an alternate peptone source.

211069	500g	BBL™	Brain Heart Infusion with PABA
			BHI with para-aminobenzoic acid (PAB or PABA) is a medium used for the examination of blood from patients who have received sulfonamide therapy.
249910	500g	Difco™	Brain Heart Infusion with PAB and Agar
			For the examination of blood from patients who have received sulfonamide therapy.
250220	10kg	Difco™	Brain Heart Infusion Without Dextrose
			Basal medium used with carbohydrates for fermentation studies.

227920	500g	Difco™	Brewer Anaerobic Agar
			For cultivation of anaerobic and microaerophilic bacteria.
228530	500g	Difco™	Brilliant Green Agar
			Highly selective medium for the isolation of *Salmonella* other than *Salmonella Typhi* from faeces and other materials. Can be used with Novobiocin Antimicrobic Supplement (Cat. No. 231971).
218801	500g	Difco™	Brilliant Green Agar, Modified
			Brilliant Green Agar Modified is more selective than Desoxycholate Citrate Agar and other brilliant green media, and inhibits the growth of *Pseudomonas aeruginosa* and partially inhibits the growth of *Proteus* spp. which may resemble *Salmonella*.

214100	500g	Difco™	Brilliant Green Bile Agar
			For isolating, differentiating and enumerating coliform bacteria.
274000	500g	Difco™	Brilliant Green Bile Broth 2%
271000	2kg		Brilliant Green Bile Broth 2% (Brilliant Green Lactose Bile Broth) is used for the detection of coliform organisms in foods, dairy products, water and wastewater, as well as in other materials of sanitary importance.
271710	500g	Difco™	Brilliant Green Sulfa Agar
			For the selective isolation of *Salmonella* (not *S.* Typhi) from stool and other media after preenrichment. Can be used with SBG Sulfa Enrichment (Cat. No. 271510)
211086	500g	BBL™	*Brucella* Agar
			A culture medium for the cultivation of *Brucella* organisms.
211088	500g	BBL™	*Brucella* Broth
			Used for the cultivation of *Brucella* species and for the isolation and cultivation of a wide variety of fastidious and non-fastidious microorganisms.
212367	500g	BBL™	Buffered Peptone Water
218105	500g	Difco™	Pre-enrichment for injured *Salmonella* species from food specimens to increase recovery.
218103	2kg	Difco™	
212345	5lb	BBL™	
218104	10kg	Difco™	
214939	500g	Difco™	Difco™ Buffered Peptone Casein Water
214938	10kg		Pre-enrichment for injured *Salmonella* species from food specimens to increase recovery.

257820	500g	Difco™	Difco™ Bushnell-Haas Broth

Used for studying microbial utilisation of hydrocarbons.

218201	2kg	Difco™	Campylobacter Agar Base

Campylobacter Agar Base, when supplemented with blood or other additives and antimicrobial agents, is used for the primary isolation and cultivation of Campylobacter jejuni subsp. jejuni from human faecal specimens.

283510	500g	Difco™	Candida BCG Agar Base

Candida Bromcresol Green (BCG) Agar is a differential and selective medium used for primary isolation and detection of *Candida* species from clinical specimens.

211102	500g	BBL™	Cary and Blair Transport Medium

Used for collecting, transporting and preserving microbiological specimens, particularly those containing *Vibrio cholerae*.

211106	500g	BBL™	Casman Agar Base

Used for the cultivation of fastidious pathogenic organisms, such as *Haemophilus influenzae* and *Neisseria gonorrhoeae*, from clinical specimens.

216010	25g		Cellobiose

Carbohydrate, anhydrous. Neither D or L.

285420	500g	Difco™	Cetrimide Agar Base - BD Pseudosel™ Agar

Used for the selective isolation and identification of *Pseudomonas aeruginosa*. Use with Glycerol (Cat. Nos. 228210 & 228220)

211805	500g	Difco™	Chapman Stone Medium

Used for isolating and differentiating staphylococci based on mannitol fermentation and gelatinase activity.

289410	500g	Difco™	Charcoal Agar

Cultivation of fastidious organisms, particularly *Bordetella pertussis*, for vaccine production and stock culture maintenance.

212218	500g	BBL™	CLED Agar

Cystine-Lactose-Electrolyte-Deficient (CLED) Agar is used for the isolation, enumeration and presumptive identification of microorganisms from urine.

228950	500g	Difco™	Chocolate Agar Base (GC Medium)

Use with Haemoglobin or Haemoglobin 2%, Antimicrobic Vial CNV or CNVT, Supplement A, B, C or VX. Cultivation of *N. gonorrhoeae* and other fastidious organisms.

211116	500 g	BBL™	Coagulase Mannitol Agar

Used for the differentiation of *Staphylococcus aureus* from other species based on coagulase production and mannitol fermentation.

211124	500 g	BBL™	Columbia Agar Base
211125	5 lb	BBL™	A highly nutritious, general-purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and non-clinical materials.
211126	25 lb	BBL™	

279240	500 g	Difco™	Columbia Blood Agar Base
279220	2 kg		Infusion-free basal medium to use with or without blood for the cultivation of fastidious microorganisms.
279230	10 kg		

279030	500 g	Difco™	Columbia Blood Agar Base EH
279010	2 kg		Infusion-free basal medium to use with blood for enhanced beta-haemolytic reactions after overnight incubation and for cultivation of fastidious microorganisms, particularly *Helicobacter pylori*.
279020	10 kg		
294420	500 g	Difco™	Difco™ Columbia Broth
			Cultivation of fastidious microorganisms. Particularly recommended for blood culture because of its ability to grow a wide range of microorganisms.
212104	500 g	BBL™	Columbia CNA Agar
294221	5 lb		Used with blood for the selective isolation of Gram-positive cocci; contains Colistin and Nalidixic-Acid.
212249	25 lb		
297596	500 g	BBL™	Columbia II Agar
			A highly nutritious general purpose medium for the isolation and cultivation of non-fastidious and fastidious microorganisms from a variety of clinical and nonclinical material.
270310	500 g	Difco™	Cooke Rose Bengal Agar
			For isolating fungi from environmental and food specimens. Use with Antimicrobic Vial A (Cat. No. 233331)
226730	500 g	Difco™	Cooked Meat Medium
			For the cultivation of anaerobic bacteria and maintenance of stock cultures, especially pathogenic clostridia.
211132	500 g	BBL™	Corn Meal Agar
			General-purpose medium for the cultivation of fungi.
211094	500 g	BBL™	CTA Agar
			For Carbohydrate fermentation tests with cornyebacteria and especially for differentiation of *C. diphtheriae* from related species.
211096	500 g	BBL™	BD CTA Medium™
252310	500 g	Difco™	Cystine Tryptic Agar Medium. Culture medium for the maintenance of microorganisms. Also used for the detection of bacterial motility and, with added carbohydrate, for fermentation reactions of fastidious microorganisms, i.e. *Neisseria*, pneumococci, streptococci and non-sporeforming anaerobes.
246710	100 g	Difco™	Cystine Assay Medium
			Used for determining L-cystine concentration by the microbiological assay technique.
247100	500 g	Difco™	Cystine Heart Agar
			Used with haemoglobin (Cat. Nos. 212392 & 211874) for cultivating *Francisella tularensis* and without enrichment for cultivating Gram-negative cocci and other microorganisms.
233910	500 g	Difco™	Czapek Solution Agar
			Used for cultivating fungi and bacteria capable of using inorganic nitrogen.
233810	500 g	Difco™	Czapek-Dox Broth
			Used for cultivating fungi and bacteria capable of using inorganic nitrogen.
211144	500 g	BBL™	DCLS Agar
			DCLS Agar (Desoxycholate Citrate Lactose Sucrose Agar) is a moderately selective culture medium for the isolation of *Salmonella* and *Shigella* species from faecal specimens.

268620	500 g	Difco™	D/E Neutralising Agar
268610	10 kg		D/E (Dey/Engley) Neutralising Agar has the ability to neutralise antimicrobial chemicals and is used for environmental sampling for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
281910	500 g	Difco™	D/E Neutralising Broth
			Used for the neutralisation and testing of antiseptics and disinfectants according to the procedure of Engley and Dey.
289020	500 g	Difco™	Decarboxylase Base Moeller
			Used to differentiate bacteria based on ability to decarboxylate amino acids.
211430	500 g	BBL™	Decarboxylase Broth Base Moeller
			Use with added lysine, arginine or ornithine for the differentiation of Gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase.
287220	500 g	Difco™	Decarboxylase Medium Base
			Used to differentiate bacteria based on ability to decarboxylate amino acids.
265320	500 g	Difco™	Demi-Fraser Broth Base
265310	10 kg		For use with Fraser Broth Supplement (Cat. No. 211742) in selectively and differentially enriching *Listeria* from foods.
212330	500 g	Difco™	Dermatophyte Test Medium Base
			Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens.
227310	500 g	Difco™	Desoxycholate Agar
			Desoxycholate Agar is a slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli.
227410	500 g	Difco™	Desoxycholate Citrate Agar
			Desoxycholate Citrate Agar is a moderately selective and differential plating medium used for isolating enteric bacilli, particularly *Salmonella* and *Shigella* species.
242010	500 g	Difco™	Desoxycholate Lactose Agar
			A slightly selective and differential plating medium used for isolating and differentiating Gram-negative enteric bacilli and for enumerating coliforms from water, waste water, milk and dairy products.
267100	500 g	Difco™	Dextrose Agar
			Used for cultivating fastidious microorganisms with or without added blood.
263100	500 g	Difco™	Dextrose Broth
			Used for cultivating fastidious microorganisms and for detecting gas from enteric bacilli.
266200	500 g	Difco™	Dextrose Starch Agar
			Used for cultivating pure cultures of *Neisseria gonorrhoeae* and other fastidious microorganisms.
280100	500 g	Difco™	Dextrose Tryptone Agar
			Used for cultivating thermophilic "flat-sour" microorganisms associated with food spoilage.

264120	500 g	Difco™	Differential Reinforced Clostridial Agar (DRCA)
			For enumeration and cultivation of sulphate-reducing clostridia in foods.
211179	500 g	BBL™	DNase Test Agar
263220	500 g	Difco™	Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens.
222020	500 g	Difco™	DNase Test Agar with Methyl Green
			Deoxyribonuclease test for differentiation of *S. aureus* and *S. marcescens* from organisms with similar characteristics.

258710	500 g	Difco™	DRBC Agar
			Dichloran Rose Bengal Chloramphenicol Agar supports good growth of yeasts and moulds while inhibiting bacteria and the spreading of rapidly growing moulds.
238510	500 g	Difco™	Dubos Broth Base
			Dubos Broth Base is used with Dubos Medium Albumin (Cat. No. 230910) for rapidly cultivating pure cultures of *Mycobacterium tuberculosis*.
237310	500 g	Difco™	Dubos Oleic Agar Base
			Dubos Oleic Agar Base is used with Dubos Oleic Albumin Complex (Cat. No. 237510) and penicillin for isolating and determining the susceptibility of *M. tuberculosis*.

231430	500 g	Difco™	EC Medium
231410	10 kg		Differentiation and enumeration of faecal and non-faecal coliforms in water, waste water, shellfish and foods.
234020	500 g	Difco™	EC Medium, Modified
			Use with Novobiocin Antimicrobic Supplement (Cat. No. 231971) for the preenrichment of food samples (meat and poultry products) prior to the detection of *E. coli* O157:H7
222200	500 g	Difco™	EC Medium with MUG
			EC Medium with MUG is used for detecting *Escherichia coli* in water, food and milk.
256620	500 g	Difco™	EE Broth Mossel Enrichment
297005	500 g		Use for selectively enriching and detecting enterobacteriaceae, particularly from foods.
212183	500 g	Difco™	Elliker Broth
			Elliker Broth, also known as Lactobacilli Broth, is used for cultivating streptococci and lactobacilli, particularly in dairy procedures.
211199	500 g	BBL™	Endo Agar
			A differential and slightly selective culture medium for the detection of coliform and other enteric microorganisms.
212205	500 g	BBL™	Enterococcosel™ Agar
			BD Enterococcosel™ Agar, a Bile Esculin Agar with Azide, is used for the rapid, selective detection and enumeration of enterococci.
212207	500 g	BBL™	Enterococcosel™ Broth
			BD Enterococcosel™ Broth, a Bile Esculin Broth with Azide, is recommended for use in the differentiation of enterococci and group D streptococci.

211221	500 g	BBL™	Eosin Methylene Blue Agar, Levine
			Eosin Methylene Blue Agar, Levine is a slightly selective and differential plating medium for the isolation of gram-negative enteric bacteria.
211191	500 g	BBL™	Eosin Methylene Blue Agar, Levine, without Lactose
			EMB Agar, Levine, without lactose is provided for convenience in genetic studies of enteric bacilli.
211215	500 g	BBL™	Eosin Methylene Blue Agar, Modified (Holt-Harris & Teague)
			A slightly selective and differential medium for the isolation, cultivation and differentiation of Gram-negative enteric bacilli from both clinical and non-clinical specimens.
248810	500 g	Difco™	Esculin Iron Agar
			Esculin Iron Agar (EIA substrate) is used for enumerating enterococci from water by membrane filtration based on esculin hydrolysis.
258910	500 g	Difco™	Eugon Agar
			A general-purpose medium used for cultivating a wide variety of microorganisms. Eugon Agar can be used with or without enrichment. Enriched with blood, Eugon Agar supports the growth of pathogenic fungi including *Nocardia*, *Histoplasma* and *Blastomyces* species. With the addition of BD Difco™ Supplement B (Cat. No. 227610), excellent growth of *Neisseria*, *Francisella* and *Brucella* is achieved. The unenriched medium supports rapid growth of lactobacilli associated with cured meat products, dairy products and other foods.
259010	500 g	Bacto™	Eugon Broth
			A general-purpose medium used for the cultivation of fastidious and non-fastidious bacteria from a variety of clinical and non-clinical specimens.
212107	500 g	Difco™	EVA Broth
			EVA (Ethyl Violet Azide) Broth is used for detecting and confirming enterococci in water and other specimens as an indication of faecal contamination.
298710	500 g	Difco™	Fletcher's Medium Base
			An enriched, semisolid medium used for the cultivation of *Leptospira*.
225640	100 g	Difco™	Fluid Thioglycollate Medium (FTM)
225650	500 g	Difco™	Used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles. Meets USP performance specifications.
211260	500 g	BBL™	
225620	2 kg	Difco™	
211263	5 lb	BBL™	
225630	10 kg	Difco™	
211264	25 lb	BBL™	
264210	500 g	BBL™	Fluid Sabouraud Medium
			Used for cultivating yeasts, moulds and aciduric microorganisms and for detecting yeasts and moulds in normally sterile materials. Meets USP, EP and JP performance specifications, where applicable.
231810	100 g	Difco™	Folic Acid Assay Medium
			Used in the microbiological assay of folic acid with *Enterococcus hirae* ATCC™ 8043 as the test organism.

282210	100 g	Difco™	Folic Acid Casei Medium
			Used for determining folic acid concentration by the microbiological assay technique.
212169	100 g	Difco™	Folic AOAC Medium
			Used for determining folic acid concentration by the microbiological assay technique.
211767	500 g	Difco™	Fraser Broth Base
211766	2 kg		Use with Fraser Broth Supplement (Cat. No. 211742) for the selective enrichment and detection of *Listeria*.

228950	500 g	Difco™	GC Medium Base
			Used with various additives in isolating and cultivating *Neisseria gonorrhoeae* and other fastidious microorganisms. Additives available are: Haemoglobin solution 2% (211874), Freeze-dried Bovine Haemoglobin (212392), Supplement B (227610), Supplement VX (233541 & 233542), IsoVitaleX Enrichment (211875 & 211876), VCN Inhibitor (212227 & 212228), VCNT Inhibitor (212408), VCA Inhibitor (212269) and VCAT Inhibitor (212404)
218091	500 g	Difco™	Giolotti-Cantoni Broth Base
			Used for enriching *Staphylococcus aureus* from foods during isolation procedures.
211279	500 g	BBL™	GN Broth
			Used for the selective enrichment of *Salmonella* and *Shigella*.

248610	500 g	Difco™	GN Broth - Hajna
			Used for the selective enrichment of *Salmonella* and *Shigella*.
268510	500 g	Difco™	HC Agar Base
			HC Agar Base, when supplemented with Polysorbate 80, is used for enumerating moulds in cosmetic products.
244400	500 g	Difco™	Heart Infusion Agar
244100	2 kg		A general-purpose medium used in the cultivation of a wide range of microorganisms from a variety of clinical and non-clinical specimens.
211839	10 kg		
238400	500 g	Bacto™	Heart Infusion Broth
238100	2 kg		Used for cultivating fastidious microorganisms.
285340	500 g	Difco™	Hektoen Enteric Agar
285320	10 kg		A moderately selective medium used in qualitative procedures for the isolation and cultivation of Gram-negative enteric microorganisms, especially *Shigella* spp., from a variety of clinical and non-clinical specimens.
212392	500 g	BBL™	Haemoglobin, Bovine (Freeze-Dried)
			BD BBL™ Haemoglobin products are used in preparing microbiological culture media.
211299	500 g	BBL™	Indole Nitrite Medium (BD Trypticase™ Nitrate Broth)
			Used for the identification of microorganisms by means of the nitrate reduction and indole tests.
212222	100 g	Difco™	Inositol Assay Medium
			For determining inositol concentration by the microbiological assay technique.

276910	500 g	Difco™	ISP Medium 1
			International Streptomyces Project Tryptone Yeast Extract Broth.
277010	500 g	Difco™	ISP Medium 2
			International Streptomyces Project Yeast Malt Extract Agar.
277210	500 g	Difco™	ISP Medium 4
			International Streptomyces Project Inorganic Salts Starch Agar.
249610	500 g	Difco™	KF Streptococcus Agar
			Used with TTC Solution 1% (Cat. No. 231121 or 264310) in isolating and enumerating faecal streptococci.
212226	500 g	Difco™	KF Streptococcus Broth
			Used with TTC Solution 1% (Cat. No. 231121 or 264310) for isolating faecal streptococci.
211317	500 g	BBL™	Kligler Iron Agar
			Used for the differentiation of members of the *Enterobacteriaceae* on the basis of their ability to ferment dextrose and lactose and to liberate sulfides.
290010	500 g	Difco™	Lactobacilli Agar AOAC
			Used for maintaining stock cultures for microbiological assays of vitamins and amino acids.
290110	100 g	Difco™	Lactobacilli Broth AOAC
			Used for preparing inocula for microbiological assays of vitamins and amino acids.
288210	500 g	Difco™	Lactobacilli MRS Agar
			For use in the isolation, enumeration and cultivation of Lactobacillus species.
288130	500 g	Difco™	Lactobacilli MRS Broth
288110	2 kg		For use in the isolation, enumeration and cultivation of Lactobacillus species.
288120	10 kg		
243000	100 g	Difco™	Lactose Broth
211835	500 g		Used for detecting the presence of coliform organisms, as a pre-enrichment broth for *Salmonella*e and in the study of lactose fermentation of bacteria in general.
241000	2 kg		
242000	10 kg		
215620	500 g		Lactose Monohydrate
215610	10 kg		Used as a filler or diluent in tablets, capsules and lyophilised products.
266520	500 g	Difco™	Lactose Peptone Broth
266510	10 kg		Detection of coliform organisms in water.
211338	500 g	BBL™	Lauryl Sulfate Broth
			Also known as Lauryl Sulfate Tryptose (LST) Broth. Used for the detection of coliform organisms in materials of sanitary importance.

298076	500 g	BBL™	Lauryl Sulfate Broth with MUG
			With 4-Mehtylumbelliferyl-ß-D-glucuronide for fluorogenic testing. Used for the fluorogenic detection of *E. coli* in water, food and milk.
224150	500 g	BBL™	Lauryl Tryptose Broth
224120	2 kg		Also known as Lauryl Sulfate Tryptose (LST) Broth. Used for the detection of coliform organisms in materials of sanitary importance.
211740	100 g	Difco™	Lauryl Tryptose Broth with MUG
211744	500 g		With 4-Mehtylumbelliferyl-ß-D-glucuronid for fluorogenic testing. Used for the fluorogenic detection of *E. coli* in water, food and milk.

240110	500 g	Difco™	LB Agar, Lennox
			For maintaining and cultivating recombinant strains of *Escherichia coli*.
240230	500 g		LB Broth, Lennox
240210	2 kg		For maintaining and cultivating recombinant strains of *Escherichia coli*.
244520	500 g	Difco™	LB Agar, Miller
244510	2 kg		For maintaining and propagating *Escherichia coli* in molecular microbiology procedures.

244620	500 g	Difco™	LB Broth, Miller
244610	2 kg		For maintaining and propagating *Escherichia coli* in molecular microbiology procedures.
292438	500 g	BBL™	LLB Broth Base (Animal Free)
			Select APS™ LB Broth Base is an animal-free medium used to grow and maintain recombinant strains of *Escherichia coli*.
211327	500 g	BBL™	LBS Agar
			Lactobacillus Selection Agar is used for the selective isolation and enumeration of lactobacilli.
211331	500 g	BBL™	LBS Broth
			Lactobacillus Selection Broth. Use for the isolation and cultivation of *Lactobacillus* species.
279410	500 g	Difco™	Leptospira Medium Base EMJH
			Use with Leptospira Enrichment EMJH (Cat. No. 279510) to cultivate and maintain *Leptospira* spp.
268010	500 g	Difco™	Letheen Agar
			Used to inactivate quarternary ammonium compounds and other preservatives when determining the number of bacteria present in cosmetics and other materials.
263110	500 g	Difco™	Letheen Agar, Modified
292847	2 kg		Used for the microbiological testing of cosmetics.
268110	500 g	Difco™	Letheen Broth
			Use for determining the phenol coefficient of cationic surface-active materials.

263010	500 g	Difco™	Letheen Broth, Modified
			Microbiological evaluation of cosmetics: inactivates preservative agents.
211221	500 g	BBL™	Levine EMB Agar
			Levine Eosin Methylene Blue Agar is a slightly selective and differential plating medium for the isolation of Gram-negative enteric bacteria.
222220	500 g	Difco™	*Listeria* Enrichment Broth
222210	10 kg		Selective enrichment for *L. monocytogenes* from non-dairy and processed food products.
220530	500 g	Difco™	*Listeria* Enrichment Broth, Modified
245152	10 kg		Used for selectively enriching *Listeria* from raw and pasturised milk.
211343	500 g	BBL™	Litmus Milk
			Litmus Milk is used for the maintenance of lactic acid bacteria and as a differential medium for determining the action of bacteria on milk.
213320	500 g		Liver (Desiccated Powder)
			Desiccated powder of beef liver. The nutritive factors of fresh liver tissue are retained in infusion prepared from Liver. Liver is used as a source of nitrogen, amino acids and vitamins in microbiological culture media. The reducing substances contained in liver create an anaerobic environment, necessary to support the growth of anaerobes. 135 grams of desiccated Liver are equivalent to 500 grams of fresh liver.
252100	500 g	Difco™	Liver Infusion Agar
			Use for cultivating *Brucella* and other pathogenic organisms.
226920	500 g	Difco™	Liver Infusion Broth
			Use for cultivating a variety of organisms, particularly *Brucella* species and anaerobes.
259100	500 g	Difco™	Liver Veal Agar
			Used for cultivating anaerobic bacteria.
244420	500 g	Difco™	Lowenstein Medium Base
			Media for the growth and recovery of mycobacteria. Can be used with glycerol to prepare a variety of coagulated egg media.
222120	500 g	Difco™	LPM Agar Base
			Used with *Listeria* Selective Supplement (Cat. No. 212402) for isolating and cultivating *Listeria monocytogenes*.
241320	500 g	Difco™	Luria Agar Base, Miller
211829	2 kg		Used for maintaining and propagating *E. coli* in molecular microbiology procedures with or without added glucose.
241420	500 g	Difco™	Luria Broth Base, Miller
241410	2 kg		Used for maintaining and propagating *E. coli* in molecular microbiology procedures with or without added glucose.
211759	500 g	Difco™	Lysine Decarboxylase Broth
			Used for differentiating microorganisms based on lysine decarboxylation.

284920	500 g	Difco™	Lysine Iron Agar
211363	500 g	BBL™	For the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide.
248510	500 g	Difco™	M9 Minimal Salts, 5x
			Used in preparing M9 Minimal Medium which is used for cultivating recominant strains of E. coli.
218571	500 g	Difco™	M17 Agar
			Used for isolating and enumerating lactic streptococci in yoghurt, cheese starters and other dairy products.
218561	500 g	Difco™	M17 Broth
			Used for isolating lactic streptococci from yoghurt, cheese starters and other dairy products.
294020	500 g	Bacto™	M Broth
			BD Bacto™ M Broth is used for cultivating *Salmonella* species in foods and feeds by the accelerated enrichment serology (ES) procedure.
212123	500 g	Difco™	MacConkey Agar
211387	500 g		For differential isolation of enteric bacilli based on lactose fermentation Meets United States Pharmacopeia (USP), European Pharmacopoeia (EP) and Japanese Pharmacopoeia (JP) performance specifications, where applicable.
212122	2 kg		
211390	5 lb		
211390	5 lb		
275300	10 kg		
211391	25 lb		
281810	500 g	Difco™	MacConkey Agar Base
			Prepared without carbohydrates for coliform fermentation studies.
247010	500 g	Difco™	MacConkey Agar without Crystal Violet
211393	500 g	BBL™	Less selective than MacConkey Agar, to permit growth of staphylococci and enterococci.
233120	500 g	Difco™	MacConkey Agar without Salt
233110	10 kg		Restricts the swarming of most *Proteus* spp., facilitating Gram-negative bacilli isolation.
294584	500 g	BBL™	MacConkey Agar without Crystal Violet or Salt
			For the isolation and differentiation of enteric organisms.
212306	500 g	BBL™	MacConkey II Agar
			Slightly selective and differential medium for the detection of coliform organisms and enteric pathogens.
220100	500 g	Difco™	MacConkey Broth
			One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.
279100	500 g	Difco™	MacConkey Sorbitol Agar
			Isolation and differentiation of enteropathogenic *E. coli* serotypes.
239520	500 g	Difco™	Malonate Broth
			Differentiation of *Enterobacter* spp. from *Escherichia* spp. on the basis of malonate utilisation.

211399	500 g	BBL™	Malonate Broth, Ewing Modified
			Malonate Broth, as modified by Ewing, is used for the differentiation of coliforms and other enteric organisms.
211401	500 g	BBL™	Malt Agar
224200	500 g	Difco™	Use for isolating and cultivating yeasts and moulds from food, and for cultivating yeast and mould stock cultures
224100	10 kg	Difco™	
211220	500 g	Difco™	Malt Extract Agar
			Isolation, detection and enumeration of yeasts and moulds.
211320	500 g	Difco™	Malt Extract Broth
			Used for cultivating yeasts and moulds.
211407	500 g	BBL™	Mannitol Salt Agar
211410	5 lb	BBL™	Used for the selective isolation and enumeration of staphylococci from clinical and non-clinical materials.
293689	25 lb	BBL™	
212185	500 g	Difco™	Marine Agar 2216
			Isolation, cultivation and enumeration of heterotrophic marine bacteria.
279110	500 g	Difco™	Marine Broth 2216
			For the cultivation of heterotrophic marine bacteria.
214907	10 g	Difco™	Marine Broth 2216
			For the cultivation of heterotrophic marine bacteria.
218971	500 g	Difco™	Maximum Recovery Diluent
			Isotonic diluent containing a low level of peptone used for maintaining the viability of organisms during dilution procedures.
294110	500 g	Difco™	McClung Toabe Agar Base
			Used for isolating and detecting *Clostridium perfringens* in foods based on the lecithinase reaction.
214881	500 g	Difco™	m EI Agar
			Selective culture medium used for the chromogenic detection and enumeration of enterococci in water by the single-step membrane filtration technique.
273610	100 g	Difco™	m Endo Agar LES
273620	500 g		LES = Lawrence Experimental Station. Used for the enumeration of coliforms in water by the membrane filter technique.
274930	500 g	Difco™	m Endo Broth MF™
			Used for enumerating coliform organisms in water by membrane filtration.
274610	100 g	Difco™	m Enterococcus Agar
274620	500 g		m Enterococcus Agar, also referred to as m Azide Agar, is used for isolating and enumerating enterococci in water and other materials by membrane filtration or pour plate technique.

267710	100 g	Difco™	m FC Agar
267720	500 g		Use with Rosolic Acid. For detection and enumeration of faecal coliforms by the membrane filtration technique at elevated temperatures.
288320	100 g	Difco™	m FC Broth Base
288330	500 g		Use with Rosolic Acid. For detection and enumeration of faecal coliforms by the membrane filtration technique at elevated temperatures.
211287	500 g	BBL™	M-Green Yeast and Mould Broth
			For the detection of fungi in the routine analysis of beverages.

275220	500 g	Difco™	m HPC Agar
			Used for enumerating heterotrophic organisms in treated potable water and other water samples with low counts by membrane filtration.
214882	100 g	Difco™	MI Agar
214883	500 g		Base for the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and *E. coli* in drinking water by the membrane filter technique. Conforms with US EPA Approved Method 1604.
231920	500 g	Difco™	Micro Assay Culture Agar
			Used for cultivating lactobacilli and other organisms used in microbiological assays.

211813	100 g	Difco™	Micro Inoculum Broth
			Used for preparing the inoculum of lactobacilli and other microorganisms used in microbiological assays of vitamins and amino acids.
255320	100 g	Difco™	Microbial Content Test Agar
255310	2 kg		Microbial Content Test Agar = Tryptic Soy Agar with Polysorbate 80, is recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
271310	500 g	Difco™	Middlebrook 7H9 Broth
			Used with Middlebrook ADC Enrichment (cat. no. 212352) and supplemented with either glycerol or polysorbate 80, this medium supports the growth of mycobacteria, including *M. tuberculosis*. It is used primarily for growth of pure cultures of mycobacteria for use in laboratory studies.
262710	500 g	Difco™	Middlebrook 7H10 Agar
			Used with Middlebrook OADC Enrichment (cat. no. 212240) in qualitative procedures for the isolation and cultivation of mycobacteria.
218041	500 g	Difco™	MIL Medium
			Used for differentiating Enterobacteriaceae based on motility, lysine decarboxylation, lysine deamination and, with the addition of Indole Reagent Kovacs (Cat. No. 261185), indole production.
218591	500 g	Difco™	Milk Agar
			Recommended by the British Standards Institute and the International Dairy Federation for the enumeration of microorganisms in liquid milk, ice cream, dried milk and whey.
273520	500 g	Difco™	MIO Medium
			Motility Indole Ornithine (MIO) Medium is used to demonstrate motility, indole production and ornithine decarboxylase activity for the differentiation of *Enterobacteriaceae*.

218501	500 g	Difco™	Minerals Modified Glutamate Broth
			Defined glutamate medium for the enumeration of coliform organisms in water.
254410	500 g	Difco™	Minimal Agar Davis
			Used for isolating and characterising nutritional mutants of *E. coli*.
275610	500 g	Difco™	Minimal Broth Davis without Dextrose
			Used with added dextrose in isolating and characterising nutritional mutants of *E. coli* and *B. subtilis.*
229810	500 g	Difco™	Mitis Salivarius Agar
			Mitis Salivarius Agar is used with BD BBL™ Tellurite Solution 1% (Cat. No. 211917) in isolating *Streptococcus mitis*, *S. salivarius* and enterococci, particularly from grossly contaminated specimens.
286910	500 g	Difco™	Motility GI Medium
			Semisolid gelatin heart infusion medium for detecting motility of microorganisms and for separating organisms in their motile phase.
211436	500 g	BBL™	Motility Test Medium
			For the determination of motility of Gram-negative enteric bacilli.
298153	500 g	BBL™	M-PA-C Agar
			Used for the selective recovery and enumeration of *Pseudomonas aeruginosa* from water.
275120	500 g	Difco™	m Plate Count Broth
			Used for enumerating microorganisms by membrane filtration.
216300	500 g	Difco™	MR-VP Medium
211383	500 g	BBL™	MR-VP Medium and MR-VP Broth (Methyl Red Voges Proskauer Medium / Broth), also known as Buffered Peptone - Glucose Broth, are used for the differentiation of bacteria by means of the methyl red and Voges-Proskauer reactions.
264920	500 g	Difco™	m Staphylococcus Broth
			Used for isolating staphylococci by the membrane filtration technique.
233410	100 g	Difco™	m TEC Agar
			m TEC Agar is used for isolating, differentiating and rapidly enumerating thermotolerant *Escherichia coli* from water by membrane filtration and an in situ urease test.
275020	500 g	Difco™	m TGE Broth
			m TGE Broth, also known as membrane Tryptone Glucose Extract Broth, is used for enumerating microorganisms by membrane filtration.
225250	500 g	Difco™	Mueller Hinton Agar
225220	2 kg		Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer-Kirby method, as standardised by the Clinical and Laboratory Standards Institute (CLSI). Each lot of Mueller Hinton Agar has been tested according to, and meets the acceptance limits of, the current M6 protocol published by the CLSI.
225230	10 kg		

211438	500 g	BBL™	Mueller Hinton II Agar
211441	5 lb		Recommended for antimicrobial disc diffusion susceptibility testing of common, rapidly growing bacteria by the Bauer-Kirby method, as standardised by the Clinical and Laboratory Standards Institute (CLSI). Each lot of Mueller Hinton II Agar has been tested according to, and meets the acceptance limits of, the current M6 protocol published by the CLSI.
212257	25 lb		
275730	500 g	Difco™	Mueller Hinton Broth (Not cation-adjusted)
211443	500 g	BBL™	General purpose medium that may be used in the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.
275710	2 kg	Difco™	
210302	5 kg	Difco™	

212322	500 g	BBL™	Mueller Hinton II Broth (Cation-adjusted)
			For use in quantitative procedures for susceptibility testing of rapidly-growing aerobic and facultatively anaerobic bacteria isolated from clinical specimens. It is formulated to have a low thymine and thymidine content and is adjusted to the calcium and magnesium ion concentrations recommended in CLSI (formerly NCCLS) standard M7.
218531	500 g	Difco™	Muller Kauffmann Tetrathionate Broth Base
			Used for enriching *Salmonella* from food and environmental samples prior to selective isolation.
283810	500 g	Difco™	Mycobacteria 7H11 Agar
			Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and non-clinical specimens. Used with Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and Glycerol.

240520	500 g	Difco™	Mycological Agar
			Mycological media are used for the cultivation and maintenance of fungi, for the demonstration of chromogenesis and for obtaining yeast and mould counts.
211456	500 g	BBL™	Mycoplasma Agar Base (PPLO Agar)
			Used for the isolation and cultivation of Mycoplasma, when supplemented with Mycoplasma Supplement (Cat no: 283610) or Mycoplasma Enrichment without Penicillin (Cat no: 212292).
211445	500 g	BBL™	BD Mycophil™ Agar
			BD Mycophil™ Agar is a non-selective medium of value in general work with yeasts and moulds rather than for isolation from materials possessing mixed flora. It is often desirable to use these media in parallel with selective media as some of the selective agents are inhibitory for certain fungi.
211450	500 g	BBL™	BD Mycophil™ Agar with Low pH
			BD Mycophil™ Agar with Low pH has had its base adjusted to approximately pH 4.7, which obviates the need for pH adjustment with lactic or tartaric acids in the laboratory. It also differs from BD Mycophil™ Agar in that an additional 2 g/l of agar has been incorporated so that the medium may be sterilised and remelted without losing its ability to solidify.
212346	500 g	BBL™	Mycoplasma Broth Base (Frey)
			Used for the cultivation of avian mycoplasmas. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.

211458	500 g	BBL™	Mycoplasma Broth Base (PPLO Broth Base)
			Also known as PPLO (pleuropneumonia-like organism) Broth Base. Basal medium that contains no Crystal Violet and is used in the preparation of media for cultivation of *Mycoplasma* spp. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating *Mycoplasma* spp.
211462	500 g	BBL™	BD Mycosel™ Agar
			A highly selective medium containing cycloheximide and chloramphenicol. It is recommended for the isolation of pathogenic fungi from materials having a large amount of flora of other fungi and bacteria.
281010	500 g	Difco™	MYP Agar
			MYP Agar is used with Egg Yolk Enrichment 50% (Cat. No. 233472) and Antimicrobic Vial P (Cat. No. 232681) for enumerating *Bacillus cereus* from foods.
240410	500 g	Difco™	NZCYM Broth
			Used for cultivating recombinant strains of *E. coli.*
241510	500 g	Difco™	NZYM Broth
			Used for cultivating recombinant strains of *E. coli.*
236210	100 g	Difco™	Neutralising Buffer
			Recommended for detection of microorganisms found on dairy and food equipment disinfected with chlorine or quaternary ammonium compounds.
232210	100 g	Difco™	Niacin Assay Medium
			Microbiological assay of niacin. Use to determine niacin concentration by the microbiological assay technique.
225710	500 g	Difco™	NIH Thioglycollate Broth (USP Alt. Thioglycollate Medium)
			NIH Thioglycollate Broth and Sterility Test Broth, which are the USP Alternative Thioglycollate Medium, are Fluid Thioglycollate Medium without the agar or indicator components. They are used for the same sterility test procedures except that anaerobic incubation is recommended rather than aerobic incubation. They also meet the requirements of the USP growth promotion test.
226810	500 g	Difco™	Nitrate Broth
			Recommended as an aid in the identification of aerobic and facultative anaerobic Gram-negative microorganisms by means of the nitrate reduction test.
212000	100 g	Difco™	Nutrient Agar
213000	500 g		Used for the cultivation of bacteria and for the enumeration of organisms in water, sewage, faeces and other materials.
211665	2 kg		
269100	500 g	Difco™	Nutrient Agar 1.5%
			Use to cultivate a variety of microorganisms. Can be used with the addition of blood or other enrichment for the cultivation of fastidious microorganisms.
263410	500 g	Difco™	Nutrient Agar pH 6.0
			General purpose medium for cultivation of microorganisms requiring a slightly acidic pH.
223100	100 g	Difco™	Nutrient Agar with MUG
223200	500 g		Used for detecting and enumerating *E. coli* in water.

233000	100 g	Difco™	Nutrient Broth
234000	500 g		Used for the cultivation of many species of nonfastidious microorganisms.
231000	2 kg		
232000	10 kg		
211100	500 g	Difco™	Nutrient Gelatin
			Used for the detection of gelatin liquefaction by microbial species.
255210	500 g	Difco™	Oatmeal Agar
			Use for cultivating fungi, particularly for macrospore formation.

268820	500 g	Difco™	OF Basal Medium
			OF (Oxidation Fermentation) media are used for the determination of oxidative and fermentative metabolism of carbohydrates by Gram-negative rods on the basis of acid reaction in either the open or closed system.
218111	500 g	Difco™	OGYE Agar Base
			For use with the antimicrobial agent, oxytetracycline, in isolating and enumerating yeasts and moulds in foods.
211486	500 g	BBL™	Orange Serum Agar
			Used for cultivating aciduric microorganisms, particularly those associated with spoilage of citrus products.

222530	500 g	Difco™	Oxford Medium Base
			Used to prepare Oxford Medium, or, with Modified Oxford Antimicrobic Supplement (cat. no. 211763), to prepare Modified Oxford Medium. For isolating and differentiating *Listeria monocytogenes*.
263620	500 g	Difco™	PALCAM Medium Base
			Used with PALCAM Antimicrobic Supplement (cat. no. 263710) in isolating and cultivating *Listeria*, particularly from foods and milk products.
260410	100 g	Difco™	Pantothenate Assay Medium
			Used for determining the concentration of pantothenic acid and its salts by the microbiological assay technique.
281610	100 g	Difco™	Pantothenate Medium AOAC
			Used for determining the concentration of pantothenic acid and pantothenate by the microbiological assay technique. Meets USP performance specifications.
289100	500 g	Difco™	Peptone Iron Agar
			Use as an indicator of hydrogen sulphide production by microorganisms.
218071	500 g	Difco™	Peptone Water
			Minimal medium for cultivation of non-fastidious organisms, for studying carbohydrate fermentation patterns, and for performing the indole test.
211502	500 g	BBL™	Phenol Red Agar Base
			Use with added carbohydrates in differentiating pure cultures of micro-organisms based on fermentation reactions.
211506	500 g	BBL™	Phenol Red Broth Base
			Use with added carbohydrates for the accurate determination of fermentation reactions in the differentiation of microorganisms.

211514	500 g	BBL™	Phenol Red Dextrose Broth
			Determination of the ability of microorganisms to ferment dextrose.
211519	500 g	BBL™	Phenol Red Lactose Broth
			Determination of the ability of microorganisms to ferment lactose.
210310	500 g	Difco™	Phenol Red Mannitol Agar
			For differentiating pure cultures of bacteria based on mannitol fermentation reactions.
211527	500 g	BBL™	Phenol Red Mannitol Broth
			Used to measure the ability of an organism to ferment mannitol.
211533	500 g	BBL™	Phenol Red Sucrose Broth
			Determination of the ability of microorganisms to ferment sucrose.
211537	500 g	BBL™	Phenylalanine Agar
			Used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.
274520	500 g	Difco™	Phenylalanine Agar
			Used for the differentiation of enteric bacilli on the basis of their ability to produce phenylpyruvic acid by oxidative deamination.
211539	500 g	BBL™	Phenylethyl Alcohol Agar
			Selective medium for the isolation of Gram-positive organisms, particularly Gram-positive cocci, from specimens of mixed Gram-positive and Gram-negative flora.
211546	500 g	BBL™	BD Phytone™ Yeast Extract Agar
			Use for the selective isolation of dermatophytes, particularly *Trichophyton verrucosum*, and other pathogenic fungi from routine clinical specimens.
247930	100 g	Difco™	Plate Count Agar
247940	500 g		Used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.
247910	2 kg		
213300	100 g	Difco™	Difco™ Potato Dextrose Agar
213400	500 g		Use for culturing yeasts and moulds from food and dairy products.
213200	2 kg		
254920	500 g	Difco™	Potato Dextrose Broth
			For the cultivation of yeasts and moulds.
251100	500 g	Difco™	Potato Infusion Agar
			For cultivating *Brucella*, especially in mass cultivation procedures.
241210	500 g	Difco™	PPLO Agar (Mycoplasma Agar)
			PM Indicator Agar. Penicillin in Milk Assay. Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.

292737	500 g	Difco™	PPLO Broth w/o CV
255420	500 g	Difco™	PPLO Broth (Mycoplasma Broth)
255410	10 kg		Use with Mycoplasma Supplement (Cat. No. 283610) or Mycoplasma Enrichment without Penicillin (Cat. No. 212292) for isolating and cultivating mycoplasmas.
219200	500 g	Difco™	Presence-Absence Broth
			One step method for presumptive identification of coliforms in treated water from water treatment plants or distribution systems.
265100	500 g	Difco™	Proteose No. 3 Agar
			For isolating and cultivating *Neisseria* and *Haemophilus*. Use with Haemoglobin (cat. no. 211874) and supplement B (cat. no. 227610) or supplement VX (cat. no. 233541).
244820	500 g	Difco™	Pseudomonas Agar F
			Pseudomonas Agar F, also known as Flo Agar, is used for the enhancement of fluorescin production.
244910	500 g	Difco™	Pseudomonas Agar P
			Pseudomonas Agar P, also known as Tech Agar, is used for the enhancement of pyocyanin production by pseudomonas.
292710	500 g	Difco™	Pseudomonas Isolation Agar
			Use with added Glycerol in isolating pseudomonas and in differentiating *Pseudomonas aeruginosa* from other pseudomonas based on pigment formation.
222810	500 g	Difco™	Purple Agar Base
			Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.
211558	500 g	BBL™	Purple Broth Base
			Use with added carbohydrate in differentiating pure cultures of bacteria, particularly of enteric organisms, based on fermentation reactions.
295110	500 g	Difco™	Pyridoxine Y Medium
			Used for determining pyridoxine concentration by the microbiological assay technique.
218262	100 g	Difco™	R2A Agar
218263	500 g		Used for enumerating heterotrophic organisms in treated potable water.
218261	2 kg		
218671	500 g	Difco™	Raka-Ray No. 3 Medium
			For the isolation of lactic acid bacteria encountered in beer and the brewing process.
218681	500 g	Difco™	Rappaport-Vassiliadis Medium (MSRV), Semisolid Modification
			Use with Novobiocin Antimicrobic Supplement (Cat. No. 231971) for the rapid detection of motile *Salmonella* spp. in faeces and food products.
218581	500 g	Difco™	Rappaport-Vassiliadis R10 Broth
			Selective enrichment of *Salmonella* spp. from meat and dairy products, faeces and sewage polluted water and other materials.

214943	500 g	Difco™	Rappaport Vassiliadis *Salmonella* (RVS) Soy Broth

Used for selectively enriching *Salmonella* in food and environmental samples. Meets USP, EP and JP performance specifications, where applicable.

298123	500 g	BBL™	Regan-Lowe Charcoal Agar Base

Selective medium used for isolation of *Bordetella pertussis* from clinical specimens.

218081	500 g	Difco™	Reinforced Clostridial Medium (RCM)

Use for the cultivation and enumeration of anaerobes, particularly clostridia, and other species of bacteria from foods and clinical specimens.

232510	100 g	Difco™	Riboflavin Assay Medium

Used for determining riboflavin concentration by the microbiological assay technique.

211567	500 g	BBL™	Rice Extract Agar

For promotion of chlamydospore formation by *Candida albicans* and *C. stellatoidea* as a means of differentiating them from other *Candida* species.

248020	500 g	Difco™	Rogosa SL Agar

Use for the selective cultivation of oral, vaginal and faecal lactobacilli.

247810	500 g	Difco™	Rogosa SL Broth

Use for the selective cultivation of oral, vaginal and faecal lactobacilli.

218312	500 g	Difco™	Rose Bengal Agar Base

Use with Rose Bengal Antimicrobic Supplement (Cat. No. 214904) for selective isolation and enumeration of yeasts and moulds from foods, dairy products and the environment.

274720	500 g	Difco™	Sabouraud Agar, Modified (Emmons)
274710	2 kg		

Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and non-pathogenic fungi from clinical and non-clinical specimens.

279720	500 g	Difco™	Sabouraud Brain Heart Infusion Agar Base

Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and non-pathogenic fungi from clinical and non-clinical specimens.

210940	100 g	Difco™	Sabouraud Dextrose Agar
210950	500 g	Difco™	
211661	2 kg	BBL™	
210930	10 kg	Difco™	
211584	500 g	BBL™	
211585	5 lb	Difco™	

Sabouraud Dextrose Agar is used in qualitative procedures for cultivation of pathogenic and non-pathogenic fungi, particularly dermatophytes. The medium may be rendered more selective for fungi by the addition of antimicrobics. Meets EP, USP and JP performance specifications, where applicable.

238230	500 g	Difco™	Sabouraud Dextrose Broth
238210	2 kg		

Used for cultivation of yeasts, moulds and aciduric microorganisms. Meets EP, USP and JP performance specifications, where applicable.

211020	500 g	Difco™	Sabouraud Maltose Agar

Modification of Sabouraud Dextrose Agar with maltose substituted for dextrose. It is a selective medium due to the acid pH. Used for the cultivation of yeasts, moulds and aciduric microorganisms. With 4% maltose, pH 5.6.

242910	500 g	Difco™	Sabouraud Maltose Broth

Modification of Sabouraud Dextrose Broth with maltose substituted for dextrose. It is a selective medium due to the acid pH. Used for the cultivation of yeasts, moulds and aciduric microorganisms. With 4% maltose, pH 5.6.

264210	500 g	Difco™	Sabouraud Medium, Fluid

Use for cultivating yeasts, moulds and aciduric microorganisms and for detecting yeasts and moulds in normally sterile materials.

217720	100 g		Salicin

212189	500 g	BBL™	Schaedler Agar

Use with or without blood for the cultivation and enumeration of anaerobic and aerobic microorganisms.

212191	100 g	BBL™	Schaedler Broth

Use for cultivating anaerobic and aerobic microorganisms with or without added blood or enrichment.

214889	500 g	BD	Select APS™ - Tryptic Soy Broth
214887	10 kg		

Alternative Protein Source obtained from animal-free components.

214886	500 g	BD	Select APS™ - Tryptic Soy Broth(Irradiated, Sterile)

Alternative Protein Source obtained from animal-free components. Gamma-Irradiated (25-45 kgy).

227540	500 g	Difco™	Selenite Broth

Used as an enrichment medium for the isolation of *Salmonella* spp. from faeces, urine, water, foods and other materials of sanitary importance.

268740	500 g	Difco™	Selenite Cystine Broth

Used as a selective enrichment medium for the isolation of *Salmonella*e from faeces, foods, pharmaceutical articles, water and other materials of sanitary importance.

212203	500 g	BBL™	Seven H11 Agar Base

Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mocybacterium tuberculosis*, from clinical and nonclinical specimens.

231510	500 g	Difco™	SF Medium

SF (*Streptococcus faecalis*) Medium is used for the differentiation of Enterococcus species from the *Streptococcus bovis* group and other streptococci.

281110	500 g	Difco™	SFP Agar Base

Used with Antimicrobic Vial P (cat. no. 232681) and Antimicrobic Vial K (cat. no. 233391) in detecting and enumerating *Clostridium perfringens* in foods.

211578	500 g	BBL™	SIM Medium
			Sulphide Indole Motility Medium. Use for differentiating *Salmonella* and *Shigella* species based on hydrogen sulphide production, indole fermentation and motility.
211620	500 g	BBL™	Simmons Citrate Agar
			Differentiation and identification of Gram-negative bacteria based on citrate utilisation.
232100	500 g	Difco™	Skim Milk
			Soluble, spray-dried skim milk. When prepared in a 10% solution, it is equivalent to fresh skimmed milk. Use for preparing microbiological culture media and for differentiating organisms based on coagulation and proteolysis of casein.
244310	500 g	Difco™	SOB Medium (Super Optimal Broth)
			Used for cultivating recombinant strains of *Escherichia coli*. May also be used to prepare SOC medium (Super Optimal Broth with Catabolite repression) with the addition of 20% glucose.
224820	500 g	Difco™	Sodium Desoxycholate
			This is the sodium salt of desoxycholic acid (a highly purified bile acid) and can be used in culture media in lower concentrations than in naturally occurring bile.
217820	500 g	BBL™	Soluble Starch
217810	10 kg		Soluble starch improves growth response. It provides starch for hydrolysis, detoxification of metabolic byproducts and as a carbon source.
210810	500 g	Difco™	Special Yeast and Mould Medium
			Nutritionally rich medium that supports the growth of a wide variety of yeasts and moulds.
295020	500 g	Difco™	Spirit Blue Agar
			Used with Lipase Reagent (cat. no. 243110) for detecting and enumerating lipolytic microorganisms.
274500	500 g	Difco™	SA Agar
212118	2 kg		Sulfite Polymyxin Sulfadiazine Agar is used for the detection and enumeration of *Clostridium perfringens* in foods and other materials.
211597	500 g	BBL™	*Salmonella Shigella* Agar
211600	5 lb		Moderately selective and differential media for the isolation of pathogenic enteric bacilli, especially those belonging to the genus *Salmonella*. This formulation is not recommended for the primary isolation of *Shigella*.
293306	25 lb		
211638	500 g	BBL™	Standard Methods Agar
			Used for obtaining microbial plate counts from milk and dairy products, foods, water and other materials of sanitary importance.
211643	500 g	BBL™	Standard Methods Agar with Lecithin and Polysorbate 80
			Recommended for the detection and enumeration of microorganisms present on surfaces of sanitary importance.
229730	500 g	Difco™	Staphylococcus Medium 110
			Also known as Stone Gelatin Agar, this medium is used for isolating and differentiating staphylococci based on mannitol fermentation, pigment formation and gelatinase activity.

272100	500 g	Difco™	Starch Agar
			Used for cultivating microorganisms being tested for starch hydrolysis.
254100	500 g	Difco™	Stock Culture Agar
			Used for maintaining stock cultures of bacteria, particularly streptococci.
211672	500 g		Sugar Free Agar
			For the detection and enumeration of organisms in butter and other processed dairy products.
297210	500 g	Difco™	Sulfite Agar
			Used for detecting thermophilic, H2S-producing anaerobes, particularly in foods.
212485	500 g	Difco™	Super Broth (Select APS™ Super Broth)
212486	10 kg		Molecular genetics medium used to grow *E. coli* to a high cell density.
235220	500 g	Difco™	Synthetic Broth AOAC
			Use to maintain disinfectant test cultures. Contains all the nutrients essential for growth of the test cultures used to determine the phenol coefficients of disinfectants.
298410	500 g	Difco™	TAT Broth Base
292848	2 kg		TAT (Tryptone-Azolectin-Tween®) Broth Base with the addition of polysorbate 20 is recommended for testing for the presence of microorganisms in viscous materials, such as salves or ointments. It is especially adapted to the testing of cosmetics.
265020	500 g	Difco™	TCBS Agar
			Thiosulphate Citrate Bile Salts Sucrose Agar (TCBS Agar) is used for the selective isolation of cholera vibrios and *Vibrio parahaemolyticus* from a variety of clinical and non-clinical specimens.
261710	500 g	Difco™	Tellurite Glycine Agar
			Use with Chapman Tellurite Solution 1% (Cat. No. 211917) for the selective isolation of coagulase positive staphylococci.
243820	500 g	Difco™	Terrific Broth
243810	2 kg		Used with glycerol (cat. no. 228210) in cultivating recombinant strains of *E. coli*.
210430	500 g	Difco™	Tetrathionate Broth Base
210420	2 kg		Use with iodine-iodide solution as a selective enrichment medium for the isolation of *Salmonella* from faeces, urine, foods and other materials of sanitary importance.
249120	500 g	Difco™	Tetrathionate Broth Base - Hajna (TT Broth Base, Hajna)
			Selective enrichment for *Salmonella* spp. from food and dairy products prior to isolation procedures.
230310	500 g	Difco™	Thermoacidurans Agar
			Used for isolating and cultivating *Bacillus coagulans* (*Bacillus thermoacidurans*) from foods.
232610	100 g	Difco™	Thiamine Assay Medium
			For determining thiamine concentration by the microbiological assay technique using *Lactobacillus fermentum* ATCC 9338.

280810	100 g	Difco™	Thiamine Assay Medium LV

For determining thiamine concentration by the microbiological assay technique using *Weissella (Lactobacillus) viridescens* ATCC 12706.

225710	500 g	Difco™	Thioglycollate Broth, NIH

NIH Thioglycollate Broth (USP Alternative Thioglycollate Medium) may be used for sterility testing to USP specifications instead of FTM.

225640	100 g	Difco™	Thioglycollate Medium, Fluid
225650	500 g	Difco™	
225620	2 kg	BBL™	
225630	10 kg	Difco™	
211260	500 g	BBL™	
211263	5 lb	Difco™	
211264	25 lb	BBL™	

Fluid Thioglycollate Medium (FTM) is used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles. Meets EP and USP performance specifications.

211716	500 g	BBL™	Thioglycollate Medium, Brewer Modified

Use for the cultivation of obligate anaerobes, microaerophiles and facultative organisms.

269710	10 kg	Difco™	Thioglycollate Medium, Fluid, with Beef Extract

Fluid Thioglycollate Medium with Beef Extract is used in cultivating microorganisms from normally sterile biological products.

236310	500 g	Difco™	Thioglycollate Medium, Fluid, without Dextrose

Fluid Thioglycollate Medium without Dextrose is used as a base for fermentation studies of anaerobes, as well as for detecting microorganisms in normally sterile materials, especially those containing mercurial preservatives.

243210	500 g	Difco™	Thioglycollate Medium, Fluid, without Dextrose or Indicator

Fluid Thioglycollate Medium without Dextrose or Indicator is used as a base for fermentation studies of anaerobes, as well as for detecting microorganisms in normally sterile materials, especially those containing mercurial preservatives.

211727	500 g	BBL™	Thioglycollate Medium, without Dextrose or Eh Indicator

Fluid Thioglycollate Medium without Dextrose or Eh Indicator is used as a base for fermentation studies of anaerobes, as well as for detecting microorganisms in normally sterile materials, especially those containing mercurial preservatives.

243010	500 g	Difco™	Thioglycollate Medium without Indicator

Detection of a variety of microorganisms in normally sterile materials, especially those containing mercurial preservatives. Suitable for fermentation studies when no oxidation-reduction indicator is required.

211720	500 g	BBL™	Thioglycollate Medium without Indicator - 135C

An enriched general-purpose medium for the recovery of a wide variety of microorganisms, particularly obligate anaerobes, from clinical specimens and other materials.

278610	500 g	Difco™	Tinsdale Agar Base

Tinsdale Agar Base is used with Tinsdale Enrichment Desiccated (Cat. No. 234210) in isolating and differentiating *Corynebacterium diphtheriae*.

249240	500 g	Bacto™	Todd Hewitt Broth
249210	2 kg		General-purpose medium used for the cultivation of group A streptococci, pneumococci and other fastidious organisms or as a blood culture medium. Primarily used for the cultivation of group A streptococci prior to serological typing.
249220	10 kg		
211794	500 g	Difco™	Tomato Juice Agar
			Cultivation and enumeration of Lactobacillus species, especially Lactobacillus acidophilus.
238910	500 g	Difco™	Tomato Juice Agar, Special
			Used for cultivating and enumerating lactobacilli and other acidophilic microorganisms from saliva and other specimens.

251720	500 g	Difco™	Tomato Juice Broth
251710	10 kg		Used in the cultivation of yeasts and other aciduric microorganisms.
211743	500 g	BBL™	Transport Medium (Stuart, Toshach and Patsula)
			Used for collecting, transporting and preserving microbiological specimens.
211102	500 g	BBL™	Transport Medium (Cary and Blair)
			Cary and Blair Transport Medium is used for collecting, transporting and preserving microbiological specimens, particularly those containing *Vibrio cholerae*.

287710	500 g	Difco™	Trichophyton Agar 1
			Differential medium used in the presumptive identification of *Trichophyton* species based on nutritional requirements. Basal medium.
287410	500 g	Difco™	Trichophyton Agar 2
			Formulation as per Trichophyton Agar 1, with inositol.
296510	500 g	Difco™	Trichophyton Agar 3
			Formulation as per Trichophyton Agar 1, with inositol and thiamine HCL.
219710	500 g	Difco™	Trichophyton Agar 4
			Formulation as per Trichophyton Agar 1, with thiamine HCL.
252410	500 g	Difco™	Trichophyton Agar 6
			Basal medium for *Trichophyton* without amino acids. With ammonium nitrate.
295510	500 g	BBL™	Trichophyton Agar 7
			Formulation as per Trichophyton Agar 6, with Histidine HCL.
211747	500 g	BBL™	BD Trichosel™ Broth, Modified
			For the isolation and cultivation of *Trichomonas* species.
226540	500 g	Difco™	Triple Sugar Iron Agar
			Triple Sugar Iron Agar (TSI Agar) is used for the differentiation of Gram-negative enteric bacilli based on carbohydrate fermentation and the production of hydrogen sulphide.

236950	500 g	Difco™	Tryptic Soy Agar
236920	2 kg		Identical in formulation to Trypticase Soy Agar. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as TSA and Soybean Casein Digest Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. Meets EP, USP and JP performance specifications, where applicable.
236930	10 kg		
211043	500 g	BBL™	Trypticase™ Soy Agar
211046	5 lb		Identical in formulation to Tryptic Soy Agar. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as TSA and Soybean Casein Digest Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. Meets EP, USP and JP performance specifications, where applicable.
211047	25 lb		

255320	500 g	Difco™	Tryptic Soy Agar with Lecithin and Polysorbate 80
255310	2 kg		Identical in formulation to Trypticase Soy Agar with Lecithin and Polysorbate 80. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as Microbial Content Test Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. Meets EP, USP and JP performance specifications, where applicable.
211764	500 g	BBL™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80
212263	5 lb		Identical in formulation to Tryptic Soy Agar with Lecithin and Polysorbate 80. (Tryptic Soy Agar is the Difco brand, Trypticase Soy Agar is the BBL brand.) Also known as Microbial Content Test Agar. For the isolation and cultivation of nonfastidious and fastidious microorganisms. It is not the medium of choice for anaerobes. meets EP, USP and JP performance specifications, where applicable.
227300	500 g	Difco™	Tryptic Soy Blood Agar Base No. 2
227200	10 kg		When supplemented with blood, this medium is used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions producted by many bacterial species.
228300	500 g	Difco™	Tryptic Soy Blood Agar Base EH
228200	10 kg		When supplemented with blood, this medium is used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions producted by many bacterial species. (EH = Enhanced Haemolysis.) This media provides dramatic, improved haemolysis.
212305	500 g	BBL™	Trypticase™ Soy Agar, Modified (TSA II)
			Improved formulation of the original TSA formulation for use with animal blood supplements.
211824	500 g	Bacto™	Tryptic Soy Broth
211825	500 g		Identical in formulation to Trypticase Soy Broth. (Tryptic Soy Broth is the Difco brand, Trypticase Soy Broth is the BBL brand.) Also known as TSB and Soybean Casein Digest Broth.General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens. Meets EP, USP and JP performance specifications, where applicable.
211822	2 kg		
211823	10 kg		
211768	500 g	BBL™	Trypticase™ Soy Broth
211771	5 lb		Identical in formulation to Tryptic Soy Broth. (Tryptic Soy Broth is the Difco brand, Trypticase Soy Broth is the BBL brand.) Also known as TSB and Soybean Casein Digest Broth.General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens. Meets EP, USP and JP performance specifications, where applicable.
211772	25 lb		

296264	500 g	BBL™	Trypticase™ Soy Broth, Sterile

Also known as TSB, Tryptic Soy Broth and Soybean Casein Digest Broth.General purpose medium for the cultivation of fastidious and non-fastidious microorganisms from a variety of clinical and non clinical specimens. Meets EP, USP and JP performance specifications, where applicable. Gamma-irradiated.

286220	500 g	Bacto™	Tryptic Soy Broth without Dextrose
286210	10 kg		

Tryptic Soy Broth without Dextrose, a low carbohydrate formulation of tryptic Soy Broth, is used for cultivating fastidious and non-fastidious microorganisms.

223000	500 g	Difco™	Tryptone Glucose Extract Agar

Used for cultivating and enumerating microorganisms in water and dairy products.

264410	500 g	Difco™	Tryptone Water

For detecting *Escherichia coli* in food and water samples on the basis of indole production.

264300	500 g	Difco™	Tryptose Agar
264100	2 kg		

Cultivation of *Brucella* spp. and a large variety of pathogenic organisms.

262200	500 g	Difco™	Tryptose Broth
262100	10 kg		

Cultivation of *Brucella* spp. and a variety of pathogenic microorganisms.

223220	500 g	Difco™	Tryptose Blood Agar Base
223210	2 kg		

Used with blood in isolating, cultivating and determining the haemolytic reactions of fastidious microorganisms.

260300	500 g	Bacto™	Tryptose Phosphate Broth
260100	2 kg		
260200	10 kg		

Used for cultivating fastidious microorganisms.

211690	500 g	BBL™	TSN Agar

TSN (BD Trypticase™ Sulfite Neomycin) Agar is used for the selective
isolation of *Clostridium perfringens*.

249120	500 g	Difco™	TT Broth Base, Hajna

TT Broth Base, Hajna (Tetrathionate Broth Base, Hajna), is used for enriching *Salmonella* from food and dairy products prior to isolation procedures.

285610	500 g	Difco™	Universal Beer Agar

Universal Beer Agar (UBA Medium) is used for cultivating microorganisms of significance in the brewing industry.

223510	500 g	Difco™	Universal Preenrichment Broth

Used for recovering sublethally injured *Salmonella* and *Listeria* from food products.

211795	500 g	BBL™	Urea Agar Base

Used for the differentiation of organisms, especially the enterobacteriaceae, on the basis of urease production. Use with BD Bacto™ Agar (Cat. Nos. 214050, 214010, 214030, 214040) for differentiating microorganisms based on urease activity.

227210	500 g	Difco™	Urea Broth
			Use for differentiating microorganisms, particularly *Proteus* species, based on urease production.
222330	500 g	Difco™	UVM Modified *Listeria* Enrichment Broth
222320	10 kg		Use as a selective enrichment for the rapid isolation of *Listeria monocytogenes*.
234310	500 g	Difco™	Veal Infusion Agar
			Used for cultivating fastidious microorganisms with or without added enrichment.
234420	500 g	Difco™	Veal Infusion Broth
234410	10 kg		Cultivation of fastidious organisms.
211695	500 g	Difco™	Violet Red Bile Agar
211687	10 kg		Used for enumerating coliform organisms in dairy products.
229100	500 g	Difco™	Violet Red Bile Agar with MUG
			For enumerating *E. coli* and total coliform bacteria in food and dairy products.
218661	500 g	Difco™	Violet Red Bile Glucose Agar (VRBG Agar)
			Selective medium containing glucose for the detection and enumeration of Enterobacteriaceae from food and dairy products.
236010	100 g	Difco™	Vitamin B12 Assay Medium
			Microbiological assay of Vitamin B12. Use for determining vitamin B12 concentration by the microbiological assay technique.
256220	500 g	Difco™	VJ Agar
			VJ Agar, also known as Vogel and Johnson Agar, is used for the early detection of coagulase positive, mannitol-fermenting staphylococci. Use with Chapman Tellurite Solution 1% (Cat. No. 211917). Use for isolating coagulase-positive mannitol-fermenting staphylococci from clinical or food specimens.
218051	500 g	Difco™	Wilkins-Chalgren Agar
295067	500 g	BBL™	Used for susceptibility testing of anaerobes and for isolating and cultivating anaerobes.
242510	500 g	Difco™	WL Differential Medium
			WL Differential Medium = Wallerstein Laboratory Differential Medium (agar). Green and Gray developed WL Differential Medium that inhibits the growth of yeasts without inhibiting the growth of bacteria present in beers. Used for isolating bacteria encountered in brewing and industrial fermentation processes.
247110	500 g	Difco™	WL Nutrient Broth
			Wallerstein Laboratory Nutrient Broth. Cultivation of yeasts, moulds and bacteria encountered in brewing and industrial fermentation processes.
242420	500 g	Difco™	WL Nutrient Medium
			Wallerstein Laboratory Medium (agar). Cultivation of yeasts, moulds and bacteria encountered in brewing and industrial fermentation processes.

211671	500 g	Difco™	Wort Agar
			For cultivation and enumeration of yeasts.
211836	500 g	BBL™	XL Agar Base
			XL (Xylose Lysine) Agar Base is used for the isolation and differentiation of enteric pathogens and, when supplemented with appropriate additives, as a base for selective enteric media. It was developed by Taylor for the non-selective isolation and differentiation of Gram-negative enteric bacilli.
278850	500 g	Difco™	XLD Agar
278820	2 kg		Xylose Lysine Desoxycholate Agar. Selective differential medium for the isolation of Gram-negative enteric bacilli, especially *Shigella* and *Providencia* species.
278830	10 kg		
223420	500 g	Difco™	XLT4 Agar Base
223410	10 kg		XLT4 Agar Base is used with XLT4 Agar Supplement (Cat. No. 235310) in isolating *non-Typhi Salmonella* species. Contains peptone as a source of complex nitrogen compounds.
239110	100 g	Difco™	Yeast Carbon Base
			Wickerham formula. Use for the classification of yeasts based on nitrogen assimilation.
219001	500 g	Difco™	Yeast Extract Glucose Chloramphenicol Agar
			Selective agar recommended by the International Dairy Federation for the enumeration of yeasts and moulds in milk and milk products.
239320	500 g	Difco™	Yeast Morphology Agar
			Wickerham formula. Use for the classification of yeasts based on colonial characteristics and cell morphology.
239210	100 g	Difco™	Yeast Nitrogen Base
			Wickerham formula. Use for the classification of yeasts based on carbon assimilation.
291940	100 g	Difco™	Yeast Nitrogen Base without Amino Acids
291920	2 kg		Wickerham formula. Use for the classification of yeasts based on amino acid and carbohydrate requirements.
291930	10 kg		
233520	100 g	Difco™	Yeast Nitrogen Base without Amino Acids and Ammonium Sulphate
233510	10 kg		Wickerham formula. Used for the classification of yeasts based on nitrogen and carbon requirements.
218172	500 g	Difco™	Yersinia Selective Agar Base (CIN Agar Base)
			CIN (cefsulodin-Irgasan™-novobiocin) Agar Base, when supplemented with cefsulodin and novobiocin (Yersinia Antimicrobic Supplement CN, Cat. No. 231961), is a differential and selective medium used in qualitative procedures for the isolation of *Yersinia enterocolitica* from a variety of clinical and non-clinical specimens.
271210	500 g	Difco™	YM Agar
			Yeast Mould Agar is used for cultivating yeasts, moulds and other aciduric microorganisms.
271120	500 g	Difco™	YM Broth
			Yeast Mould Broth is for Cultivation of yeasts, moulds and other aciduric microorganisms.

242720	500 g	Difco™	YPD Agar
			For maintaining and propagating yeasts in molecular microbiology procedures.
242820	500 g	Difco™	YPD Broth
242810	2 kg		For maintaining and propagating yeasts in molecular microbiology procedures.
244020	500 g	Difco™	YT Medium, 2 X (2 X Yeast Extract Tryptone Medium)
			For cultivating recombinant strains of *E. coli*.

Media Additives, Enrichments and Supplements

PRODUCT CODE	SIZE	BRAND	DESCRIPTION
233331	6 x 10 ml	Difco™	Antimicrobic Vial A
			Contains chlortetracycline. Selectively inhibits bacterial growth by inhibiting protein synthesis and restricts the size and height of colonies of more rapidly-growing moulds. Contains 25 mg desiccated chlortetracycline per 10 ml vial. The resulting concentration of the rehydrated solution is 2.5 mg chlortetracycline per ml. Can be used with: Cook Rose Bengal Agar (Cat. No. 270310)
233391	6 x 10 ml	Difco™	Antimicrobic Vial K
			Contains kanamycin. Used to supplement SFP Agar Gase containing Egg Yolk Enrichment 50% and Antimicrobic Vial P for the detection and enumeration of *Clostridium perfringens* in foods. Clostridia are not inhibited by kanamycin, which inhibits protein synthesis in susceptible organisms. Use with: SFP Agar Base (Cat. No. 281110)
232681	6 x 10 ml	Difco™	Antimicrobic Vial P
			Contains polymyxin B. For enumerating *Bacillus cereus* from foods. Use with: • MYP Agar (Cat. No. 281010) and • Egg Yolk Enrichment 50% (Cat. No. 233472) Also for use with: • SFP Agar Base (Cat. No. 281110) 6 x 10 ml vials.
214410	100 g	Difco™	Asparagine
			Amino acid for chemical and microbiological usage.
213010	100 g	Difco™	Bile Salts No.3
213020	500 g		Selective agent, inhibits Gram-positive organisms.
266810	12 x 20 ml	Difco™	Bovine Albumin (5%)
			Used to enrich media for cultivation of a large variety of microorganisms and tissue cells. It is also known as bovine serum albumin or BSA. Bovine albumin can be added to normally sterile specimens, tissues and body fluids for direct inoculation onto culture media used for isolating mycobacteria. BSA is also used as an enrichment when contaminated specimens are digested.
211968	10 x 10 ml	BBL™	Bovine Albumin (Fraction V)
			0.2% in 0.85% Saline. Supplied in liquid form for use in specimen digestion procedures for the isolation and detection of *Mycobacterium* species. Used to enrich media for cultivating a large variety of microorganisms and tissue cells.

237510	12 x 20 ml	Difco™	Dubos Oleic Albumin Complex

Dubos Oleic Albumin Complex and penicillin are used to supplement Dubos Oleic Agar Base for the isolation and susceptibility testing of *Mycobacterium tuberculosis*. 0.05% solution of alkalinized oleic acid in a 5% solution of albumin fraction V in normal saline (0.85%). Use with:

- Dubos Oleic Agar Base (Cat. No. 237310) 12 x 20 ml Prepared tubes.

233472	6 x 100 ml	Difco™	Egg Yolk Enrichment (50%)

BD Bacto™ Egg Yolk Enrichment 50% is a concentrated egg yolk emulsion recommended for use in a variety of media for the isolation and identification of *Clostridium* species on the basis of their lecithinase activity. Use with:

- McClung Toabe Agar Base (Cat. No. 294110)
- MYP Agar (Cat. No. 281010)
- SFP Agar Base (Cat. No. 281110)

212357	6 x 100 ml	BBL™	Egg Yolk Tellurite Enrichment
277910	6 x 100 ml	Difco™	

The enrichment consists of 30% egg yolk suspension with 0.15% potassium tellurite. For the isolation of *S. aureus* use with:

- Baird-Parker Agar Base (Cat. Nos. 276840 and 276810)

215810	10 g	Difco™	Esculin

A water-soluble glycoside for the preparation of culture media used for the identification of various organisms, including enterobacteriaceae, enterococci and anaerobes. The test is used to differentiate group D streptococci, e.g. a *S. faecalis* that hydrolyzes esculin - from non-group D streptococci, e.g. a *S. agalactiae* that does not hydrolyse esculin. Hydrolysis of esculin yields esculetin, which forms a brown-black complex in the presence of a ferric salt.

211866	10 x 5 ml	BBL™	Fildes Enrichment

May be used to enrich a variety of media for the cultivation of various microorganisms.

211742	6 x 10 ml	Difco™	Fraser Broth Supplement

Contains 0.05 g Ferric Ammonium Citrate. The medium is used in the rapid detection of *Listeria* species from food and environmental samples. Use with:

- Fraser Broth Base (Cat. No. 211767 and 211766) and
- Demi-Fraser Broth Base (Cat. Nos. 265310 and 265320)

228210	100 g	Difco™	Glycerol
228220	500 g		

Highly purified alcohol used as a fixative in bacterial preservation media and in the isolation and cultivation of many organisms.

211874	10 x 100 ml	BBL™	Haemoglobin Solution (2%)

Ready for use in the preparation of media for the cultivation of fastidious organisms.10 x 100 ml Bottles.

257199	40 ml		Iodine Solution

Additive to be used with:

- Tetrathionate Broth Base (Cat. No. 210430 and 210420) 40 ml Medium in 50 ml screw cap bottle.

211875	5 x 2 ml	BBL™	BD IsoVitaleX™ Enrichment
211876	5 x 10 ml		

Chemically defined supplement used as an additive to media for the isolation and cultivation of nutritionally fastidious microorganisms. BD IsoVitaleX™ Enrichment with Rehydrating Fluid is used for supplementing media to culture fastidious microorganisms, particularly *Neisseria gonorrhoeae* and *Haemophilus influenzae*.
211875: 5 lyophilised vials; (each reconstitutes to 2 ml) and 5 vials diluent
211876: 5 lyophilised vials; (each reconstitutes to 10 ml) and 5 vials diluent

233901	6 x 5 ml	Difco™	Legionella Agar Enrichment
			L-Cysteine and ferric pyrophosphate. For the isolation of *Legionella*.
211883	10 x 10 ml	BBL™	Leptospira Enrichment (Lyophilised)
			For use in the enrichment of media for the cultivation of *Leptospira* species. Media such as Fletcher Medium Base and Stuart Broth Base are used with rabbit serum enrichment for the detection of leptospiras in blood, spinal fluid, urine, waters and other minerals. Leptospira Enrichment provides the necessary enrichment for these media. Each vial reconstitutes to 10 ml.
279410	6 x 100 ml	Difco™	Leptospira Enrichment EMJH
			To cultivate and maintain *Leptospira* spp. Use with: • Leptospira Medium Base EMJH (Cat. No. 279410) 6 x 100 ml bottle.
212402	10 x 2 ml	BBL™	*Listeria* Selective Supplement
			For isolation and cultivation of *L. monocytogenes*. Use with: LPM Agar Base (Cat. No. 222120)
211887	10 x 5 ml	BBL™	Middlebrook ADC Enrichment
212352	6 x 100 ml		Used to supplement culture media for the cultivation of mycobacteria (for Middlebrook 7H9 Broth, Cat. No. 271310). 211887: Prepared Tubed Media: 10 x 20 ml per tube. 212352: Prepared Bottled Media: 6 x 100 ml per bottle
211886	10 x 20 ml	BBL™	Middlebrook OADC Enrichment
212240	6 x 100 ml		Used to supplement culture media for the isolation and cultivation of mycobacteria for • Middlebrook 7H10 Agar, Cat. Nos. 262710 and 212203 and • Mycobacteria 7H11 Agar, Cat. No. 283810.
212351	500 ml		
257327	14 x 500 ml	Difco™	Modified Letheen Broth
			Used for microbiological testing of cosmetics
257326	10 x 90 ml		Modified Letheen Broth 5% TWEEN
257331	10 x 100 ml		This is used for testing materials with a high lipid or oil content.
212292	10 x 30 ml	BBL™	Mycoplasma Enrichment without Penicillin
			Sterile desiccated enrichment for use in PPLO media as described by Hayflick. For use with: • PPLO Agar (Mycoplasma Agar) (Cat. No. 241210) • Mycoplasma Agar Base (PPLO Agar Base) (Cat. No. 211456) • PPLO Broth (Mycoplasma Broth) (Cat. Nos. 255420 and 255410) • Mycoplasma Broth Base (PPLO Broth Base) (Cat. No. 211458) • Mycoplasma Broth Base (Frey) (Cat. Nos. 212346 and 212347)
283610	6 x 30 ml		Mycoplasma Supplement
			For the isolation and cultivation of *Mycoplasma* spp. Can be used with media as listed above.
231971	6 x 10 ml	Difco™	Novobiocin Antimicrobic Supplement
			Contains 20 mg of Novobiocin per litre of final medium. For use with: • EC Medium Modified (Cat. No. 234020) • Rappaport-Vassiliadis Medium Semisolid Modification (Cat. No. 218681) • Brilliant Green Agar (Cat. No. 228530).
251810	6 x 10 ml	Difco™	Orange Serum Broth Concentrate (10 x)
			Used for cultivating aciduric microorganisms, particularly those associated with spoilage of citrus products. Each of the 6 ampules contains 100 ml of 10 x concentrate.

211763	6 x 10 ml	Difco™	Oxford Antimicrobic Supplement, Modified
			With Moxalactam and Colistin Sulfate. Use with: Oxford Medium Base (Cat. No. 222530)
212820	500 g	Difco™	Oxgall
			Oxgall is dehydrated bile used for preparing microbiological culture media, especially for selective media used to differentiate groups of bile-tolerant bacteria. Oxgall is used as a selective agent for the isolation of Gram-negative microorganisms, inhibiting Gram-positive bacteria.
263710	3 x 10 ml	Difco™	PALCAM Antimicrobic Supplement
			For use with PALCAM Medium Base (Cat. No. 263620)
211925	100 ml	BBL™	Polysorbate 80
			Surface-activating ingredient. Used in Fluorescent Treponemal Antibody (FTA-ABS) diluents, for incorporation into microbiological culture media and other reagents to enhance their productivity and reactivity. Serves as a neutraliser of preservatives, allowing microorganisms to replicate.
214904	10 x 3 ml	Difco™	Rose Bengal Antimicrobic Supplement
			For selective isolation and enumeration of yeasts and moulds from foods, dairy products and the environment. Use with Rose Bengal Agar Base (Cat. No. 218312)
232281	6 x 1 g	Difco™	Rosolic Acid
			Use with: • m FC Agar (Cat. Nos. 267710 and 267720) and • m FC Broth Base (Cat. Nos. 288320 and 288330)
271510	500 g	Difco™	SBG Sulfa Enrichment
			Selenite Brilliant Green Sulfa Enrichment is a selective enrichment for the isolation of *Salmonella* species. With 0.1% Sulfapyridin. SBG Sulfa Enrichment is used for enriching *Salmonella* spp. prior to isolation procedures. Use with BG Sulfa Agar (Cat. No. 271710)
227610	6 x 10 ml	Difco™	Supplement B
			Supplement B with Reconstituting Fluid B is used for supplementing media to culture fastidious microorganisms, particularly *Neisseria gonorrhoeae* and *Haemophilus influenzae*. May be used with Eugon Agar (Cat. No. 258910) and Proteose No. 3 Agar (Cat. No. 265100)
252710	6 x 5 ml	Difco™	Supplement C
			This is a desiccated yeast concentrate used to supplement media for cultivating fastidious organisms with exacting growth requirements. BD Difco™ Supplement C contains the thermolabile and thermostable growth accessory factors of fresh yeast, Including glutamine, coenzyme (V factor), haematin (X factor), cocarboxylase and other growth factors required for the growth of fastidious organisms.
233541	6 x 10 ml	Difco™	Supplement VX
233542	1 x 100 ml		Sterile concentrate of essential growth factors V and X. For cultivation of fastidious microorganisms such as *Neisseria gonorrhoeae* and *Haemophilus influenzae*. For use with Proteose No. 3 Agar (Cat. No. 265100). Lyophilised with reconstituting fluid.

211917	20 ml	BBL™	Tellurite Solution (1%)

For use with:
- Mitis Salivarius Agar (Cat. No. 229810) and
- Tellurite Glycine Agar (Cat. No. 261710) and
- VJ Agar (Cat. No. 256220)

234210	6 x 15 ml	Difco™	Tinsdale Enrichment

BD Difco™ Tinsdale Enrichment Desiccated is used with BD Difco™ Tinsdale Agar Base (Cat. No. 278610) for primary isolation and differentiation of *Corynebacterium diphtheriae*. Use with:
- Tinsdale Agar Base (Cat. No. 278610) 6 x 15 ml tubes.

231121	30 ml	Difco™	TTC Solution (1%, Sterile)

TTC Solution 1% (Triphenyltetrazolium Chloride) is ready for use in the preparation of culture media. For use with KF Streptococcus Agar (Cat. No. 249610).231121: prepared tube 30 ml.

231181	100 g	Difco™	Tween® 80 - Polysorbate 80

Polysorbate 80 is used to prepare 2% Tween® 80, which acts as a dispersing agent.

212269	10 x 10 ml	BBL™	V-C-A Inhibitor

Antibiotic mixture of vancomycin, colistin and anisomycin which is incorporated into culture media to permit the isolation of pathogenic *Neisseria* by inhibiting contaminating flora. Lyophilised.

212404	10 x 10 ml	BBL™	V-C-A-T Inhibitor

Antibiotic mixture of vancomycin, colistin, anisomycin and trimethoprim lactate. Permits the selective isolation of *Neisseria gonorrhoeae* and *N. meningitidis* from culture media.

212227	10 x 2 ml	BBL™	V-C-N Inhibitor
212228	10 x 10 ml		

Antibiotic mixture of vancomycin, colistin and nystatin that permits the selective isolation of *N. gonorrhoeae* and *N. meningitidis* from culture media.

212408	10 x 10 ml	BBL™	V-C-N-T Inhibitor

Antibiotic mixture of vancomycin, colistin, nystatin and trimethoprim that improves the recovery of pathogenic *Neisseria* by increasing the selectivity of isolation media.

212354	10 x 10 ml	BBL™	Vitamin K1, Hemin Solution

Used as a culture medium enrichment for anaerobic microorganisms.

235310	30 ml	Difco™	XLT4 Supplement

Added to inhibit growth of non-*Salmonella* organisms. To be used with:
- XLT4 Agar Base (Cat. No. 223420 and 223410).

231961	6 x 10 ml	Difco™	Yersinia Antimicrobic Supplement CN

Used in the preparation of Yersinia Selective Agar (CIN Agar). The complete medium, based on the Cefsulodin-Irgasan-Novobiocin Agar formulation of Schiemann, is recommended for use in the selective isolation and cultivation of *Yersinia enterocolitica* from clinical and nonclinical sources. Use with Yersinia Selective Agar Base (Cat. No. 218172)

Carbohydrates for Culture Media

PRODUCT CODE	SIZE	DESCRIPTION
215710	10 g	Adonitol
216010	25 g	Cellobiose (Cellobiose (+), anhydrous, neither D nor L.)
215530	500 g	Dextrose / Glucose (Glucose, D (+), anyhdrous)
215510	2 kg	Dextrose / Glucose (Glucose, D (+), anyhdrous)
216310	500 g	D-Galactose (D-Galactose (+), anhydrous)
217020	500 g	D-Mannitol
217910	500 g	D-Sorbitol Sorbite
216210	100 g	Dulcitol Galactitol
218110	25 g	D-Xylose
216410	100 g	Inositol (Inosite, mesoinositol, neither D nor L.)
215920	100 g	L-Arabinose
216830	500 g	Maltose (Maltose (+), monohydrate)
216810	10 kg	Maltose (Maltose (+), monohydrate)
217310	500 g	Melibiose (Melibiose (+), monohydrate, neigher D nor L.)
217410	100 g	Raffinose (D-Raffinose, pentahydrate)
217510	25 g	Rhamnose
217520	100 g	Rhamnose
217610	500 g	Saccharose (D-Saccharose, Sucrose)
218010	10 g	Trehalose

Molecular Genetics Media: BD Difco™ Quality

PRODUCT CODE	SIZE	BRAND	DESCRIPTION
244020	500 g	Difco™	2×YT Medium (Yeast Extract Tryptone)
			Formulation designed for growth and propagation of *E. coli* infected with the single strand filamentous bacteriophage M13.
240110	500 g	Difco™	LB Agar (Lennox)
			A nutritionally rich media developed by Lennox for the growth and maintenance of pure cultures of recombinant strains of *E. coli*. These strains are generally derived from *E. coli* K12, which are deficient in B vitamin production. This strain of *E. coli* has been further modified through specific mutation to create an auxotrophic strain that is not capable of growth on nutritionally deficient media. LB Agar, Lennox provides all the nutritional requirements of these organisms. LB Agar, Lennox contains half the sodium chloride level of the Miller formulation of LB Agar. This allows the researcher to select the optimal salt concentration for a specific strain.
244520	500 g	Difco™	LB Agar (Miller)
244510	2 kg		LB (Luria-Bertani) Agar, Miller is used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures. LB Agar, Miller is based on LB Medium as described by Miller for the growth and maintenance of E. coli strains used in molecular microbiology procedures. These are nutritionally rich media designed for growth of pure cultures of recombinant strains. *E. coli* grows more rapidly because they provide the cells with amino acids, nucleotide precursors, vitamins and other metabolites that the microorganism would otherwise have to synthesise.

240230	500 g	Difco™	LB Broth (Lennox)
240210	2 kg		LB Broth, Lennox contains ten times the sodium chloride level of Luria Broth Base, Miller and one half of that found in LB Broth, Miller. This allows the researcher to select the optimal salt concentration for a specific strain. If desired, the medium may be aseptically supplemented with glucose to prepare the complete medium described by Lennox.
244620	500 g	Difco™	LB Broth (Miller)
244610	2 kg		LB (Luria-Bertani) Broth, Miller is used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures.
241420	500 g	Difco™	Luria Broth Base (Miller)
			Luria Broth Base, Miller is used for maintaining and propagating *Escherichia coli* in molecular microbiology procedures with or without added glucose.
248510	500 g	Difco™	M9 Minimal Salts (5×)
			Used in preparing M9 Minimal Medium which is used for cultivating recombinant strains of *Escherichia coli*. M9 Minimal Salts, 5× is a 5× concentrate that is diluted to a 1× concentration and supplemented with an appropriate carbon and energy source, such as dextrose, to provide a minimal, chemically defined medium. The medium will support the growth of "wild-type" strains of *E. coli*. M9 Minimal Salts is useful for maintaining positive selection pressure on plasmids coding for the ability to produce essential substances such as amino acids or vitamins. M9 Minimal Medium is also used to maintain stocks of F′-containing bacteria for use with M13. The medium can be supplemented with specific amino acids or other metabolites, allowing for selection of specific auxotrophs.
240410	500 g	Difco™	NZCYM Broth
			For cultivation of molecular genetic strains of *E. coli* for replication of recombinant bacteriophage.
292438	500 g	BBL™	Select APS™ - LB Broth Base
			BD Difco™ LB Broth Base (BD Select APS™ - Alternative Protein Source). For the propagation and maintenance of *E. coli* for molecular biology. Non-animal origin formulation, 500 g.
212485	500 g	BBL™	Select APS™ - Super Broth Base
212486	10 kg		BD Select APS™ Super Broth is a molecular genetic medium that will grow *E. coli* to a high cell density. There is no glucose in the formulation thus preventing acetate build-up in the fermentation of the organism.
244310	500 g	Difco™	SOB Medium
			For cultivation of molecular genetic strains of *E. coli*.
243820	500 g	Difco™	Terrific Broth
243810	2 kg		For cultivation of molecular genetic strains of *E. coli*. Formulation developed to increase plasmid yield.

Prepared Media

Automated Plate Streaking

BD Innova™ - Advanced Specimen Processor 61

BD Prepared Plated Media (PPM)

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90 mm Quad Plates 71
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BD Kiestra™ Lab Automation

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Prepared Media

Automated Plate Streaking

BD Innova™ - Advanced Specimen Processor

PRODUCT CODE	SIZE	DESCRIPTION
441863	1	BD Innova™ Advanced Specimen Processor
		The BD Innova™ is an advanced and versatile microbiology specimen processor, automatically plating and streaking all microbiology samples, using a single universal platform. The BD Innova™ offers unequalled flexibility in accommodating the widest range of microbiology specimen types, container sizes, streak patterns, protocols and workflows. Features include automatic decapping, automatic bar-coding and familiar text-book style or bespoke streak patterns.
442428	1	BD Innova™ Barcode Labels

BD Prepared Plated Media (PPM)

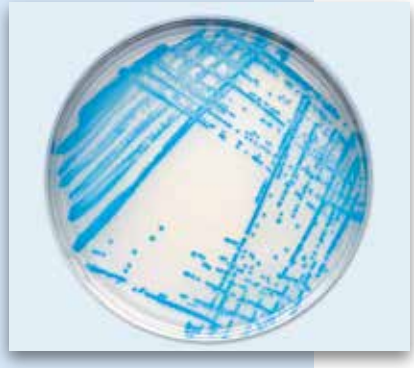
90 mm Plates

PRODUCT CODE	SIZE	DESCRIPTION
254443	20	Aeromonas Yersinia Agar
		A selective differential medium for the isolation of both *Yersinia enterocolitica* and *Aeromonas* spp. from a variety of clinical and nonclinical specimens. Aeromonas Yersinia Agar is a modification of CIN Agar that supports growth of *Aeromonas* species due to a reduced cefsulodin concentration and also supports growth of *Yersinia enterocolitica*.
254480	20	Bacteroides Bile Esculin Agar with Amikacin
		Selective medium for the isolation and presumptive identification of the *Bacteroides fragilis* group.
255084	20	Baird Parker Agar
		A moderately selective and differential medium for the isolation and enumeration of *Staphylococcus aureus* in foods, environmental and clinical specimens.

221808	10	BCYE Agar
257321*	120	Used in qualitative procedures for isolation of *Legionella* species from clinical and nonclinical samples. *For lab use only, not CE marked.
254546	20	Bifidobacterium Agar Beerens, modified
		Partially selective medium for the isolation of bifidobacteria from human stool specimens.
255002	20	BIGGY Agar (Bismuth Glucose Glycine Yeast Agar)
		Used for the isolation and differentiation of *Candida* species from clinical specimens.
254400	20	Bordet Gengou Agar with 15% Sheep Blood
		A selective medium for the isolation of *Bordetella pertussis* and *B. parapertussis*.

256054	20	Bordetella Agar with Charcoal and 7% Horse Blood
		A selective medium for the isolation of *Bordetella pertussis* and *B. parapertussis*.
255003	20	Brain Heart Infusion (BHI) Agar
		A general-purpose medium suitable for the cultivation of a wide variety of organism types, including bacteria, yeasts and filamentous fungi.
255544	20	Brain Heart Infusion Agar with 10% Sheep Blood (Deep Fill)
		For the isolation and cultivation of fastidious and other organisms, especially those requiring blood for growth. It may also be used for the cultivation of pathogenic fungi and aerobic Actinomycetales.

212097	20	Brilliant Green Agar
		Highly selective medium for the isolation of *Salmonella* other than *Salmonella Typhi* from faeces and other materials.
254490	20	Brilliant Green Agar, Modified
		For isolating *Salmonella* from water, sewage and foodstuffs.
256501	20	Bromocresol Purple Lactose Agar
		A differential, non-selective medium for the isolation and enumeration of bacteria from urine. It supports the growth of urinary pathogens and contaminants but prevents undue swarming of *Proteus* species due to its lack of electrolytes.



255027	20	*Brucella* Agar with 5% Horse Blood
		A non-selective medium which is used for the isolation and growth of both fastidious and nonfastidious bacterial species, including *Brucella, Haemophilus* and *Streptococcus pneumoniae*.
255509	20	*Brucella* Blood Agar witih Hemin and Vitamin K1
		An enriched, non-selective medium for the isolation and cultivation of a wide variety of obligately anaerobic microorganisms.
215221	20	Campy Cefex Agar
292487	100	Used for the primary isolation and cultivation of *Campylobacter jejuni* subsp. *jejuni* from human faecal specimens.
299614	20	Campy CSM Agar
		Selective blood-free agar for Campylobacta. Consists of Columbia Agar Base supplemented with activated charcoal, hematin, sodium pyruvate and three antimicrobial agents (cefoperazone, cyclohexamide and vancomycin).
254001	20	Campylobacter Agar with 10% Sheep Blood (Campy-BAP)
254069	120	A selective medium for the primary isolation of *Campylobacter jejuni* and other cephalothin-resistant *Campylobacter* species from stool specimens.
254403	20	Campylobacter Agar Bloodfree Selective Medium
254095	120	Campylobacter Selective Medium, Bloodfree is a selective medium for the isolation of *Campylobacter* species from intestinal and other specimens.
256058	20	Campylobacter Agar (Butzler) with 7% Horse Blood
		A selective medium for the isolation of *Campylobacter* species from clinical and other specimens.
254464	20	Campylobacter Agar (Skirrow) with 7% Horse Blood
		A selective medium for the isolation of *Campylobacter* species from clinical and other specimens.

221739	20	CDC Anaerobe 5% Sheep Blood Agar with PEA
		CDC Anaerobe 5% Sheep Blood Agar with Phenylethyl Alcohol (PEA) is used for the selective isolation of fastidious and slow-growing, obligately anaerobic bacteria from a variety of clinical and nonclinical materials.
256506	20	CDC Anaerobe Blood Agar
		CDC Anaerobe 5% Sheep Blood Agar is used for the isolation and cultivation of fastidious and slow growing, obligate anaerobic bacteria.
221846	20	CDC Anaerobe Laked Sheep Blood Agar with KV
		Contains Kanamycin and Vancomycin for the selective isolation of fastidious, slow growing, anaerobic bacteria from a variety of clinical and nonclinical materials.

256180	20	Cepacia Medium
		A selective differential medium for the isolation of *Burkholderia cepacia* from clinical specimens (in particular mucoviscidosis patients).
257011	20	Chocolate Agar / Blood Agar No. 2
257456	120	Chocolate Agar (Blood Agar No. 2 Base) is a medium for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and *Haemophilus* species from clinical specimens.
254046	20	Chocolate Agar with BD IsoVitaleX™ and Bacitracin
		A selective medium for the isolation of *Haemophilus influenzae* from clinical specimens.

257480	20	BBL™ CHROMagar™ Candida
254106	120	A chromogenic medium for the isolation and differentiation of *Candida albicans, C. tropicalis* and *C. krusei*. Due to the differences in morphology and colours of the yeast colonies, this medium facilitates the detection of mixed yeast cultures in specimens. It may also be used as a selective isolation medium for other yeasts and for filamentous fungi.
257434	20	BBL™ CHROMagar™ MRSA II
257435	120	The new BBL™ CHROMagar™ MRSA II is a selective and differential medium for the direct detection of methicillin-resistant *Staphylococcus aureus* (MRSA) from clinical specimens.
254105	20	BBL™ CHROMagar™ O157
		A chromogenic medium for the selective isolation, differentiation and presumptive identification of *E. coli* O157:H7 strains from clinical, veterinary, food and environmental sources.

257481	20	BBL™ CHROMagar™ Orientation
254107	120	A non-selective chromogenic medium for the isolation, direct identification, differentiation and enumeration of urinary tract pathogens.
254104	20	BBL™ CHROMagar™ *Salmonella*
		A selective chromogenic and differential medium for the isolation and presumptive identification of *Salmonella* directly from stool specimens and from enrichments such as Selenite broth. It may also be used for the isolation of *Salmonella* from specimens other than faeces such as food and water.
257074	20	BBL™ CHROMagar™ Staph Aureus
257099	120	A selective differential medium for the isolation, enumeration and identification of *S. aureus* from clinical sources and food (without the use of confirmatory testing for clinical sources).
255529	20	CLED Bevis (H) with Andrades Agar
		CLED Agar (Bevis) is a modified CLED Agar used for the isolation and enumeration of bacteria in urine specimens.

254003	20	CLED (Cystine Lactose Electrolyte Deficient) Agar
254070	120	CLED Agar is a differential culture medium for use in isolating and enumerating bacteria in urine. It supports the growth of urinary pathogens and contaminants but prevents undue swarming of *Proteus* species due to its lack of electrolytes.
222228	10	Clostridium difficile Selective Agar
		CDSA Agar is recommended as a selective and differential medium for the primary isolation of *Clostridium difficile* from faecal specimens.
254406	20	Clostridium difficile Agar with 7% Sheep Blood
		A selective medium for the primary isolation of *Clostridium difficile* from faecal specimens.

215191	20	Columbia Agar
		A highly nutritious general purpose medium for the isolation and cultivation of a wide variety of fastidious microorganisms.
256006	20	Columbia Agar with 5% Horse Blood
		A highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from clinical and nonclinical materials.
254005	20	Columbia Agar with 5% Sheep Blood
254071	120	A highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials. It derives its superior growth-supporting properties from the combination of two peptones and yeast extract as a supplier of the B-complex vitamins.

254007	20	Columbia CNA Agar with 5% Sheep Blood
254072	120	This is a selective and differential medium used for the isolation of gram positive microorganisms from clinical and nonclinical materials.
257303	20	Columbia CNA Agar with 5% Sheep Blood, Improved
257306	120	A selective medium used for the isolation of gram positive microorganisms, especially staphylococci and streptococci, from clinical specimens. Columbia agar provides a highly nutritious medium. The addition of the antimicrobial agents, colistin, nalidixic acid and aztreonam renders the medium selective for gram positive microorganisms, especially streptococci and staphylococci. Sheep blood allows detection of haemolytic reactions which are especially important in the presumptive diagnosis of streptococci.
254097	20	Columbia III Agar with 5% Sheep Blood
254098	120	A highly nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials.
254012	20	DCLS Agar (Desoxycholate Citrate Lactose Saccharose Agar)
		A moderately selective differential medium for isolation of *Salmonella*, *Shigella* and cholera vibrios from clinical and other specimens.
254429	20	Dermatophyte Agar
		A selective medium for the isolation of pathogenic fungi from cutaneous sources such as skin, hair and nails.
254010	20	Desoxycholate Agar
		Desoxycholate Agar is a slightly selective and differential medium used for isolating and differentiating Gram-negative enteric bacilli (mainly Enterobacteriaceae).
255506	20	DNAse Test Agar
		Differential medium used for the detection of deoxyribonuclease activity to aid in the identification of bacteria isolated from clinical specimens.

256500	20	Drigalski Lactose Agar

BD Drigalski Lactose Agar is a selective and differential medium for the isolation of Enterobacteriaceae and certain nonfermenters from clinical specimens.

256525	20	Drigalski Lactose Agar with Ceftazidime

A selective differential medium for Gram negative rods (Enterobacteriaceae and certain non-fermenters), it is inhibitory to Gram positive bacteria. Recommended for use with clinical specimens likely to contain mixed microbial flora, such as urine, respiratory and wound, as it allows a preliminary grouping of enteric and other gram-negative bacteria.

254014	20	EMB Agar (Eosin Methylene Blue Agar)
254073	120	

EMG Agar, Modified, Holt-Harris and Teague is a slightly selective and differential medium for the isolation and differentiation of Gram-negative enteric bacilli (Enterobacteriaceae and several other Gram-negative rods) from clinical and nonclinical specimens.

254016	20	Endo Agar
254074	120	

A slightly selective and differential medium for the isolation, cultivation and differentiation of Enterobacteriaceae and several other Gram-negative rods from clinical and nonclinical specimens.

254019	20	Enterococcosel™ Agar

Selective medium for the isolation and enumeration of faecal enterococci from clinical and nonclinical specimens.

292234	10	Enterococcosel™ Agar with Vancomycin

Used for primary screening of asymptomatic gastrointestinal carriage of vancomycin resistant enterococci (VRE).

254094	20	Gardnerella Selective Agar with 5% Human Blood

Partially selective and differential medium for the isolation of *Gardnerella vaginalis* from clinical specimens.

254060	20	GC-Chocolate Agar
254089	120	

Chocolate Agar (GC II Agar with BD IsoVitaleX™) is a non-selective medium for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and Haemophilus species, from a variety of clinical specimens.

254554	20	GC-Lect™ Agar
254555	120	

Selective medium providing enhanced growth and recovery of *Neisseria gonorrhoeae* and better inhibition of contaminating bacteria and fungi, including *Capnocytophaga* species in oropharyngeal specimens.

254050	20	Group A, Selective Strep Agar with 5% Sheep Blood

A selective medium for use in the isolation and presumptive identification of Group A Streptococci from throat cultures and other specimens.

257079	20	Group B Streptococcus Differential Agar (Granada Medium)

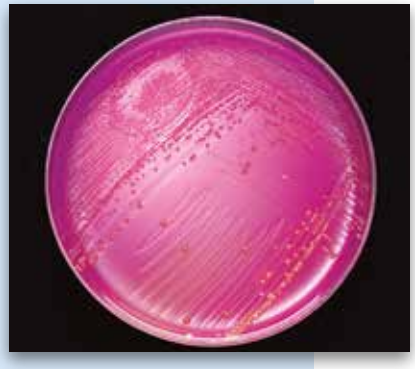
Used for the isolation and identification of *Streptococcus agalactiae* (Group B *Streptococcus*) from clinical specimens.

254058	20	Haemophilus Test Medium

Used in the antimicrobial disc diffusion susceptibility procedure for *Haemophilus influenzae* and related species as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).

257026	20	Heart Infusion Agar with 5% Sheep Blood

Heart Infusion Agar (HIA) with 5% Sheep Blood is a general purpose medium used for the isolation and cultivation of fastidious and nonfastidious microorganisms from clinical specimens.



254009	20	Hektoen Enteric Agar
254075	120	Hektoen Enteric Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric microorganisms from both clinical and nonclinical specimens. It is of particular importance as a medium for the isolation of *Shigella* and *Salmonella* species.
254430	20	Helicobacter Agar
		Helicobacter Agar is a selective medium for the isolation of *Helicobacter pylori* from gastric specimens.
254021	20	Iso RES Agar
254076	120	A semi-defined medium, identical in formulation to that of Iso-sensitest Agar. Used for susceptibility testing of nonfastidious organisms with the agar diffusion (Kirby-Bauer) method.

254413	20	Kimmig Agar
		Used for the isolation, cultivation and maintenance of fungi from clinical and other sources.
255011	20	LBS Agar
		A semi-defined, partially selective medium for the isolation and enumeration of lactobacilli from foods and from intestinal, vaginal and dental flora.
254550	120	Legionella BCYE Agar without Antibiotics (conform NEN)
		A medium for the detection and presumptive identification of *Legionella* species from water.

254552	120	Legionella BCYE Agar without L-Cysteine (conform NEN)
		Buffered Charcoal Yeast Extract Agar is used for the isolation and cultivation of *Legionella* species.
221808	10	Legionella BCYE Agar with L-Cysteine
		Buffered Charcoal Yeast Extract Agar is used for the isolation and cultivation of *Legionella* species.
254549	120	Legionella BCYE Agar with L-Cysteine and Antibiotics
254414	20	Legionella BCYE Agar with Vancomycin and Colistin
254543	120	Selective medium for isolation of *Legionella* species from water and clinical specimens.
257007	20	Legionella GVPC Medium
		Selective medium for *Legionella* species. Used in qualitative procedures for isolation of *Legionella* species from clinical and nonclinical samples.
215197	20	MacConkey Agar
297064	120	This is a differential medium for the isolation of Enterobacteriaceae, staphylococci and enterococci from specimens of sanitary importance and from clinical specimens such as urines.
256009	20	MacConkey Agar without Salt
257286	120	This is a differential medium for the isolation of Enterobacteriaceae, staphylococci and enterococci from specimens of sanitary importance and from clinical specimens such as urines.
256008	20	MacConkey Agar w/o Crystal Violet
		This is a differential, partially selective medium for the isolation of Enterobacteriaceae, staphylococci, and enterococci from specimens of sanitary importance and from clinical specimens such as urines.

254455	20	MacConkey Agar with Sorbitol
		This is a partially selective differential medium for the isolation of *E. coli* O157:H7 from clinical, veterinary, food and environmental sources.
254025	20	MacConkey II Agar
254078	120	MacConkey II Agar is a selective and differential medium for the isolation and differentiation of Enterobacteriaceae and a variety of other Gram-negative rods from clinical and nonclinical specimens.
221938	20	MacConkey II Agar with MUG
		Used for the presumptive identification of *Escherichia coli*.
254027	20	Mannitol Salt Agar
254079	120	Mannitol Salt Agar is a selective and differential medium for the isolation and enumeration of staphylococci from clinical and nonclinical specimens and their differentiation according to mannitol fermentation.
257021	20	Mannitol Salt Agar with Oxacillin
		Used for the detection and isolation of methicillin resistant *Staphylococcus aureus* (MRSA) in clinical specimens.
254029	20	Martin Lewis Agar, Modified
		This is an enriched medium for the selective isolation of *Neisseria gonorrhoeae* and *N. meningitidis* from clinical specimens containing mixed flora of bacteria and fungi.
214986	20	MI Agar
		For the simultaneous chromogenic-fluorogenic detection and enumeration of total coliforms and *E. coli* in drinking water by membrane filtration technique. Conforms with US EPA Approved Method 1604.
254520	20	Middlebrook 7H10 Agar
254521	120	Used in qualitative procedures for the isolation and cultivation of Mycobacteria.
255086	20	Modified CNA Agar with Crystal Violet and 5% Sheep Blood
		This is a selective medium for the isolation of streptococci and enterococci and inhibits staphylococci and Gram-negative bacteria.
215044	20	mTEC Agar
		Modified mTEC Agar is a selective culture medium used for the chromogenic detection and enumeration of thermotolerant *E. coli* in water by the membrane filtration technicque.
254035	20	Mueller Hinton Chocolate Agar
254082	120	May be used for the susceptibility testing of *Neisseria gonorrhoeae* and for the isolation and cultivation of fastidious bacteria from clinical specimens.
254032	20	Mueller Hinton II Agar
254081	120	Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly growing aerobic organisms to antimicrobial agents.
254030	20	Mueller Hinton II Agar with 5% Sheep Blood
254080	120	BD Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardised by CLSI (formerly the National Committee for Clinical Laboratory Standards, NCCLS).
254063	20	Mycoplate MS Agar
		A non-selective medium for cultivation of fungi and differentiation of yeast (genus *Candida*) based on morphological markers.

254417	20	Mycosel™ Agar
		A highly selective medium for the isolation of pathogenic fungi from materials having a large flora of other fungi and bacteria.
257004	20	MYP Agar
		Selective medium for the isolation and differentiation of *Bacillus cereus* from foods.
254444	20	Neomycin Agar with 5% Sheep Blood
		A selective medium used for the isolation of group A and B streptococci.
254481	20	OFPBL Agar
299970	20	Used in the selective isolation and detection of *Burkholderia cepacia* from clinical and nonclinical specimens.

254570	10	Oxacillin Screen Agar (MRSA Screen Agar)
		Oxacillin Screen Agar (originally named MRSA Screen Agar) was developed for the detection of methicillin-resistant *Staphylococcus aureus* (MRSA). Since the method to detect MRSA uses the same inoculum as the Bauer-Kirby antimicrobial disc susceptibility test procedure, the oxacillin screen test may be conveniently performed on isolates at the same time as routine susceptibility testing.
254539	20	PALCAM *Listeria* Agar
		BD PALCAM *Listeria* Agar is a selective differential medium for the isolation and detection of *Listeria* monocytogenes and other *Listeria* species from foods and clinical specimens.

254483	20	Plate Count Agar
		Also known as Standard Methods Agar, this is a standard methods medium used for enumerating aerobic bacteria in water, wastewater, foods and dairy products.
254108*	20	Potato Glucose Agar
		Used for the cultivation and enumeration of yeasts and moulds. * For lab use only, not CE marked.
254419	20	Pseudosel™ Agar
		Used for the selective isolation of *Pseudomonas aeruginosa* from a variety of specimens.
257002	20	Pseudomonas Isolation Agar
		Used in isolating *Pseudomonas* and differentiating *Pseudomonas aeruginosa* from other pseudomonads based on pigment formation.
257008	20	R2A Agar
257073	120	A ready-to-use medium for the performance of heterotrophic plate counts and for subcultures of bacteria isolated from potable water samples. It is recommended for use in standard methods for pour plate, spread plate and membrane filter analysis.
254091	20	Sabouraud Agar with Chloramphenicol 400ug
		Selective medium for isolation of fungi from clinical & nonclinical material.
255504	20	Sabouraud Agar with Chloramphenicol & Cycloheximide
		Selective medium for isolation of pathogenic fungi.
254451	20	Sabouraud Agar with Penicillin and Streptomycin
		A selective medium for the isolation of fungi that exhibit inhibition of bacteria.

254039	20	Sabouraud Glucose Agar
254083	120	Also known as Sabouraud Dextrose Agar, this is used for the isolation and cultivation of fungi from clinical and nonclinical material.
254041	20	Sabouraud with Gentamycin and Chloramphenicol Agar
254096	120	A selective medium for the isolation of fungi from clinical and nonclinical material.
254047	20	*Salmonella Shigella* Agar (SS Agar)
254085	120	Differential selective medium for the isolation of pathogenic enteric bacilli, especially those belonging to the genus *Salmonella*.
254042	20	Schaedler Agar with 5% Sheep Blood and Vitamin K1
254084	120	A highly nutritious medium for the isolation and cultivation of fastidious anaerobic microorganisms.
254485	20	Schaedler CNA Agar with 5% Sheep Blood
		A partially selective medium for the isolation of strictly anaerobic gram positive cocci and other anaerobic gram positive bacteria from clinical specimens.
254023	20	Schaedler Kanamycin/Vancomycin Agar with 5% Sheep Blood
254077	120	A highly nutritious, selective medium for the isolation of fastidious Gram-negative anaerobic microorganisms, especially *Bacteroides* and *Prevotella* species and a variety of other Gram-negative anaerobes.
221183	20	Serum Tellurite Agar
		A selective and differential medium used for isolation of members of the genus *Corneybacterium*, particularly in the laboratory diagnosis of diphtheria.
221870	10	Seven H11 Agar (Deep Fill)
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and nonclinical specimens.
254432	20	TCBS Agar
		Thiosulfate Citrate Bile Salts Sucrose Agar (TCBS) is a selective differential medium used for the selective isolation of cholera vibrios and *Vibrio parahaemolyticus* from a variety of clinical and nonclinical specimens.
256044	20	Tellurite Agar (Hoyle)
		This is a partially selective and differential medium for the isolation of Corynebacterium diptheriae from clinical specimens.
257051	20	TSA
254086	120	Tryptic Soy Agar, also known as Trypticase Soy Agar and Soybean-Casein Digest Agar, is a general purpose medium which supports the growth of nonfastidious as well as moderately fastidious microorganisms.
212099	20	TSA II with 5% Horse Blood
		This is a nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials and the detection of haemolytic reactions.
254053	20	TSA II with 5% Sheep Blood
254087	120	This is a nutritious general purpose medium for the isolation and cultivation of nonfastidious and fastidious microorganisms from a variety of clinical and nonclinical materials and the detection of haemolytic reactions.
222204	10	Vancomycin Screen Agar
		Vancomycin Screen Agar supports dependable testing for enterococcal isolates exhibiting vancomycin resistance.

254486	20	VRBG Agar
		Violet Red Bile Glucose Agar is used for the enumeration and isolation of Enterobacteriaceae from foods and dairy products.
254479	20	Wilkens-Chalgren Agar with Amikacin and 7% Sheep Blood
		A selective medium for the isolation of strictly anaerobic bacteria from clinical specimens. Due to the amikacin, most facultative organisms will be inhibited.
254055	20	Xylose Lysine Desoxycholate Agar (XLD Agar)
254090	120	A moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric pathogens from both clinical and nonclinical specimens (*Salmonella* and *Shigella*).
254056	20	Yersinia Agar
254088	120	Also known as Yersinia Selective Agar, CIN Agar and Cefsulodin Irgasan Novobiocin Agar, this is a selective differential medium for the isolation of *Yersinia enterocolitica*.

90 mm Biplates

PRODUCT CODE	SIZE	DESCRIPTION
254489	20	CHROMagar™ Orientation / Columbia CNA Agar with 5% Sheep Blood
		Used for the isolation of bacteria commonly involved in urinary tract infections. While BD CHROMagar™ Orientation is a chromogenic non-selective medium for the isolation, differentiation and identification of urinary tract pathogens, Columbia CNA Agar is a selective medium for the isolation of Gram-positive bacteria.
221600	20	Columbia CNA Agar with 5% Sheep Blood / MacConkey II Agar
		Columbia CNA Agar with 5% Sheep Blood is a selective and differential medium used for the isolation of Gram-positive microorganisms. MacConkey II Agar is a slightly selective and differential medium for the detection of coliform organisms and enteric pathogens.
254553	20	DCLS Agar (Desoxycholate-Citrate-Lactose-Sucrose) / Hektoen Enteric Agar
		DCLS Agar is a moderately selective differential medium for isolation of *Salmonella*, *Shigella* and *Cholera vibrios*. Hektoen Enteric Agar is a moderately selective and differential medium for the isolation and differentiation of Gram-negative enteric microorganisms.
221783	20	Group A Selective Strep Agar (SSA™) / TSA with 5% Sheep Blood (TSA II™)
		Group A Selective Strep Agar with 5% Sheep Blood is recommended as a primary selective plating medium for the isolation of group A streptococci (*S. pyogenes*) from throat cultures and other specimens in which the presence of *S. pyogenes* is suspected. BD Trypticase™ TSA II is used for cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species.
254447	20	MacConkey II Agar Columbia CNA Agar with 5% Sheep Blood
		MacConkey II Agar in combination with Columbia CNA Agar with 5% Sheep Blood is used for the selective isolation of Gram-negative and Gram-positive bacteria from clinical specimens.
298292	100	Middlebrook 7H10 Agar / Seven H11 Agar
		Used for the isolation, cultivation and susceptibility testing of mycobacteria. The selective Seven H11 Agar is 7H11 Agar modified by the addition of four antimicrobial agents: polymyxin B, carbenicillin, amphotericin B and trimethoprim lactate.

254515	20	Sabouraud Glucose Agar / CHROMagar™ Candida
		Sabouraud Glocose Agar in combination with BD CHROMagar™ *Candida* is used for the selective isolation of fungi and for the isolation and identification of *Candida albicans, Candida tropicalis* and *Candida krusei* from clinical specimens.
254476	20	Schaedler Agar / Schaedler KV Agar with 5% Sheep Blood
		Used for the non-selective isolation of anaerobes and for the selective isolation of fastidious Gram-negative anaerobic microorganisms, especially *Bacteroides* and *Prevotella* species and a variety of Gram-negative anaerobes.
221290	20	TSA with 5% Sheep Blood (TSA II™) / MacConkey II Agar
221291	100	BD Trypticase™ TSA II is a nutritious general purpose medium for the cultivation of fastidious microorganisms and the detection of haemolytic reactions. MacConkey II Agar is a selective and differential medium for the detection of coliform organisms and enteric pathogens.
221949	20	TSA with 5% Sheep Blood / MacConkey II Agar with MUG
		BD Trypticase™ Soy Agar with 5% Sheep Blood (TSA II) is used to cultivate fastidious microorganisms and detection of haemolytic reactions. MacConkey Agar with MUG is used for presumptive identitification of *E. coli*.
254493	20	Xylose Lysine Desoxycholate Agar / Brilliant Green Agar, Modified
		Brilliant Green Agar Modified and XLD Agar in biplate format are used for isolating *Salmonella* and *Shigella* from water, sewage and foodstuffs or clinical specimens.
257372	20	Xylose Lysine Desoxycholate Agar / CHROMagar™ *Salmonella*
		BD CHROMagar™ *Salmonella* and XLD Agar in biplate format are used for isolating *Salmonella* and *Shigella* from water, sewage and foodstuffs or clinical specimens.

90 mm Quad Plates

PRODUCT CODE	SIZE	DESCRIPTION
297890	10	Hemo (Hemophilus) ID Quad Agar
		90 mm plate containing one quadrant with X factor enriched medium, one with V factor enriched medium, one with both X and V factors-enriched medium, and one with horse blood to determine growth and haemolysis.

120 mm Square Plates

PRODUCT CODE	SIZE	DESCRIPTION
254518	20	Mueller Hinton II Agar, square, 120 mm
		Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly-growing aerobic organisms to antimicrobial agents.
254517	20	Mueller Hinton Agar with Sheep Blood, square, 120 mm
		Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardised by CLSI.

150 mm Plates

PRODUCT CODE	SIZE	DESCRIPTION
221954	8	Haemophilus Test Medium Agar
		HTM Agar is used in the antimicrobial disc diffusion susceptibility procedure for *Haemophilus influenzae* and related species as described in the Approved Standard M2-A7, published by the National Committee for Clinical Laboratory Standards (CLSI, formerly NCCLS).
254062	20	Mueller Hinton II Agar
		Mueller Hinton II Agar, available in several plate formats and package sizes, is used in the standardised disc diffusion procedure for determining the susceptibility of rapidly-growing aerobic organisms to antimicrobial agents.
255080	20	Mueller Hinton Agar with 5% Sheep Blood
		BD BBL™ Mueller Hinton Agar with 5% Sheep Blood, available in several plate formats and package sizes, is recommended for disc diffusion susceptibility testing of *Streptococcus pneumoniae* and other streptococci as standardised by CLSI (formerly the National Committee for Clinical Laboratory Standards NCCLS).
257005	20	Trypticase™ Soy Agar
		General purpose medium which supports the growth of nonfastidious as well as moderately fastidious microorganisms.

BD BBL™ Prepared Tubed Media (PTM)

Liquid & Solid Media in BD BBL™ Prepared Tubes

PRODUCT CODE	SIZE	DESCRIPTION
221828	10 slants	Acetamide Agar
		Used in the differentiation of nonfermentative Gram-negative bacteria, particularly *Pseudomonas aeruginosa.* Tube size K.
297814	10 x 8 ml	Alkaline Peptone Water
		An enrichment medium used for the cultivation of *Vibrio* speces from faeces and other infected materials.
221409	10 slants	Bile Esculin Agar
221410	100 slants	Used to differentiate enterococci and the *Streptococcus bovis* group from other streptococci. Tube size K.
266810	12 x 20 ml	Bovine Albumin 5%
		Used to enrich media for cultivating a large variety of microorganisms and tissue cells. Bovine albumin is also known as Bovine Serum Albumin or BSA.
295757	100 slants	Brain Heart CC Agar with 10% Sheep Blood and Gentamicin
		A selective medium used for the isolation of pathogenic fungi from specimens heavily contaminated with bacteria and saprophytic fungi. Tube size K.
221812	10 x 5 ml	Brain Heart Infusion Broth (BHI)
221813	100 x 5 ml	A general purpose liquid medium used in the cultivation of fastidious and nonfastidious microorganisms. Tube size K.
220837	100 x 8 ml	

296125	10 tubes	Brain Heart Infusion 10% SB Agar Slant
		A general purpose liquid medium with sheep blood used for isolation and cultivation of fungi from clinical and non-clinical specimens.
221785	10 tubes	Brain Heart Infusion with 6.5% Sodium Chloride, 0.5 ml
		Used to differentiate the enterococci from nonenterococcal group D streptococci by the 6.5% salt tolerance test. Tube size K.
297640	100 x 10 ml	Brain Heart Infusion with 0.1% Agar
		For the cultivation of anaerobes.
297200	10 x 9 ml	Brain Heart Infusion with Fildes Enrichment
		For the growth of fastidious organisms. Tube size K.
296125	10 slants	Brain Heart Infusion Agar with 10% Sheep Blood
		BHI Agar is a general purpose medium suitable for the cultivation of a wide variety of organism types, inlcuding bacteria, yeasts and moulds. With the addition of 10% sheep blood, it is used for the isolation and cultivation of a wide variety of fungal species, including systemic fungi, from clinical and nonclinical specimens. Tube size K.
221633	10 x 8 ml	CTA Medium with Dextrose
		Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of *C. diphtheriae* from related species. Tube size K.
221637	10 x 8 ml	CTA Medium with Maltose
		Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of *C. diphtheriae* from related species. Tube size K.
221747	10	Campylobacter Thioglycollate Medium with 5 Antimicrobics
		Primarily used for carbohydrate fermentation tests with corynebacteria and especially for differentiation of *C. diphtheriae* from related species. Tube size K.
233331	6 x 10 ml	Chlortetracycline (Antimicrobic Vial A)
		Contains 25 mg sterile desiccated chlortetracycline per 10 ml vial. Tube size K.
295872	10 slants	Chocolate II Agar (GCII Agar with Haemoglobin and IsoVitaleX™)
		An improved medium for use in qualitative procedures for the isolation and cultivation of fastidious microorganisms, especially *Neisseria* and *Haemophilus* species, from a variety of clinical specimens. Tube size K.
297307	10	Chopped Meat Carbohydrate Broth, PR II
		Pre-reduced medium used in the enrichment, cultivation and maintenance of anaerobic microorganisms, particularly obligate anaerobes. Tube size K.
221507	10 x 8 ml	Cooked Meat Medium
221508	100 x 8 ml	For the cultivation of anaerobes, especially pathogenic clostridia. Tube size K.
295982	10 slants	Cooked Meat Medium with Glucose, Hemin and Vitamin K1
		For the cultivation of anaerobes, especially pathogenic clostridia. Cooked Meat Medium with Glucose, Hemin and Vitamin K1 is also recommended as a subculture medium for anaerobic isolates to be examined by gas liquid chromatography. Tube size K.

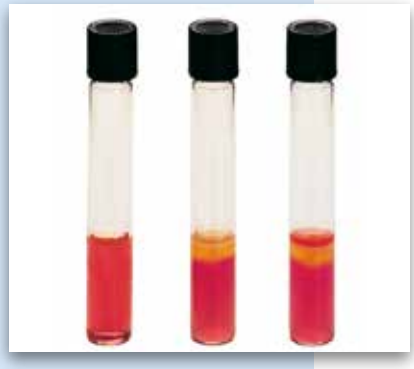
298318	100 x 9 ml	D/E Neutralizing Broth
		D/E (Dey/Engley) Neutralizing Broth is for the neutralization and testing of antiseptics and disinfectants according to the procedure of Engley and Dey. Tube size A.
221663	10 x 5 ml	Decarboxylase Broth with Ornithine, Moeller
		Moeller Decarboxylase Broth with Ornithine is used in the biochemical differentiation of Gram-negative enteric bacilli based on the production of arginine dihydrolase and lysine and ornithine decarboxylase. Tube size K.
257147	50 x 15 ml	Dermatophyte Test Medium Agar
		A selective medium for the isolation of pathogenic fungi from superficial infections such as skin, hair and nails. Prepared slants in 30 ml vial with plastic screw cap and 15 ml fill volume. Tube size C.
299701	10 slants	Dermatophyte Test Medium, Modified, with Chloramphenicol
		Dermatophyte Test Medium (DTM) is a selective and differential medium used for the detection and presumptive identification of dermatophytes from clinical and veterinary specimens. Because of the unavailability of one of the inhibitory agents, chlorotetracycline, Dermatophyte Test Medium (DTM), Modified with Chloramphenicol is recommended as a substitute for the original DTM formulation. Tube size C.
295697	10	Dubos Broth, Enriched
		Used for the cultivation of pure cultures of *M. tuberculosis*. Tube size K.
215334	10 x 20 ml	Dubos Medium Albumin
		Tubes containing a 5% solution of albumin fraction V from bovine plasma and 7.5% dextrose in normal slaine.Used with Dubos Broth Base for rapidly cultivating pure cultures of *Mycobacterium tuberculosis.*
221383	10 tubes	Enterococcosel™ Broth
		A Bile Esculin Broth with Azide, this is recommended for use in the differentiation of enterococci and group D streptococci. Tube size K.
211866	10 x 5 ml	Fildes Enrichment
		5% Fildes Enrichment may be added to TSB or TSA for cultivation of *Haemophilus influenzae*. 5% Fildes Enrichment and 20% human serum may be added to Nutrient Agar for Nagler Medium plates for the cultivation of *C. perfringens* and *C. bifermentans.*
211742	6 x 10 ml	Fraser Broth Supplement
		5% (w/v) solution of Ferric Ammonium Citrate. Used with Fraser Broth Base in selectively enriching and detecting *Listeria*.
297642	100 tubes	FTM with VIT KI Hemin
		Enriched FTM tubes.
221729	10 x 8 ml	GN Broth (Gram-negative Broth)
221730	100 x 8 ml	Used for the selective enrichment of *Salmonella* and *Shigella*. Tube size K.

222232	10 slants	Herrold's Egg Yolk Agar with Mycobactin J and ANV
222233	100 slants	Contains Mycobactin J, Amphotericin B, Nalidixic acid and Vancomycin. For the selective isolation and differentiation of *Mycobacterium paratuberculosis.* Tube size C.

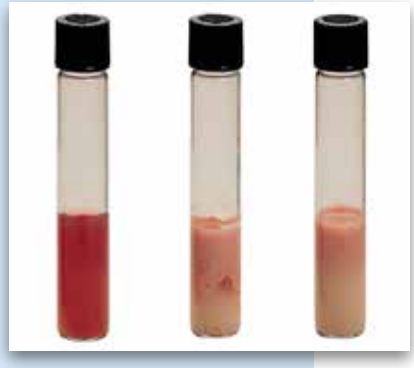
222240	10 slants	Herrold's Egg Yolk Agar without Mycobactin J with ANV
222241	100 slants	Contains Amphotericin B, Nalidixic acid and Vancomycin. Mycobacteria other than *Mycobacterium paratuberculosis* will grow on Herrold's Egg Yolk Agar without Mycobactin. Tube size C.
211875	5 x 2 ml	IsoVitaleX™ Enrichment (Lyophilised, with diluent)
211876	10 x 10 m	Chemically defined supplement developed to replace the yeast concentrate additive. Used for supplementing media to culture fastidious microorganisms, particularly *Neisseria gonorrhoeae* and *Haemphilus influenzae.*
233391	6 x 10 ml	Kanamycin (Antimicrobic Vial K)
		Contains 25 mg of Kanamycin per 10 ml vial.
220896	10 slants	Kligler Iron Agar
220897	100 slants	Used for the differentiation of members of the *Enterobacteriaceae* on the basis of their ability to ferment dextrose and lactose and to liberate sulfides. Tube size K.

233901	6 x 5 ml	Legionella Agar Enrichment
		Supplement for qualitative procedures for isolation of *Legionella* species from clinical specimens and nonclinical (environmental) samples.
296266	100 x 5 ml	Lim Broth
		For the selective enrichment of group B streptococci (*Streptococcus agalactiae*), especially from genital specimens. Tube size K.
243110	6 x 20 ml	Lipase Reagent
		For use with Spirit Blue Agar (cat. no. 295020) for detecting and enumerating lipolytic microorganisms.
212402	10 x 2 ml	*Listeria* Selective Supplement
		Used with LPM Agar Base (cat. no. 222120) for isolating and cultivating *Listeria monocytogenes.*

220908	10 slants	Lowenstein-Jensen Medium
220909	100 slants	LJ Medium is used for the isolation and cultivation of mycobacteria and for the semi-quantitative catalase test. 220908 & 220909 - tube size A 221387 & 221388 - tube size C
221387	10 slants	
221388	100 slants	
220952	10 slants	Lysine Iron Agar
220953	100 slants	Used for the differentiation of enteric organisms based on their ability to decarboxylate or deaminate lysine and to form hydrogen sulfide. Tube size K.
297684	10 x 20 ml	MacConkey II Agar with Sorbitol Deeps
		Used as a selective and differential medium for the detection of *Escherichia coli* serotype O157:H7 associated with hemorrhagic colitis. Tube size K.



221322	10 tubes	Malonate Broth, Ewing Modified
		Malonate Broth, as modified by Ewing, is used for the differentiation of coliforms and other enteric organisms. Tube size K.
221832	10 x 5 ml	Middlebrook 7H9 Broth with Glycerol
		Used in qualitative procedures for the cultivation of mycobacteria. Tube size K.
220958	10 slants	Middlebrook and Cohn 7H10 Agar
220959	100 slants	Used in qualitative procedures for the isolation and cultivation of mycobacteria. 220958 & 220959 - tube size A 297396 - tube size C
297396	100 slants	
221517	10 x 5 ml	Motility Indole Ornithine Medium (MIO Medium)
221518	100 x 5 ml	Used to demonstrate motility, indole production and ornithine decarboxylase activity for the differentiation of *Enterobacteriaceae*. Prepared 5ml deeps. Tube size K.
221509	10 tubes	Motility Test Medium
		For the detection of motility of Gram-negative enteric bacilli. Tube size K.
297220	10 x 5 ml	Mueller Hinton Broth (Not cation-adjusted)
		A general purpose medium that may be used in the cultivation of a wide variety of fastidious and nonfastidious microorganisms. This medium is not supplemented with calcium or magnesium ions.
298268	100 x 5 ml	Mueller Hinton II Broth (Cation-adjusted)
		Intended for use in quantitative procedures for susceptibility testing of rapidly-growing aerobic and facultatively anaerobic bacteria isolated from clinical specimens. Tube size K.
283610	6 x 30 ml	Mycoplasma Supplement
		Sterile desiccated enrichment for use in PPLO media.
212292	10 x 30 ml	Mycoplasma Enrichment without Penicillin
		Sterile desiccated enrichment for use in PPLO media.
220966	10 slants	Mycosel™ Agar
		A highly selective medium containing cycloheximide and chloramphenicol. It is recommended for the isolation of fungi from materials having a large amount of flora of other fungi and bacteria. Tube size A.
231971	6 x 10 ml	Novobiocin Antimicrobic Supplement
		Used with EC Medium, Modified (cat. no. 234020) in the detection of E. coli O157:H7 in meat and poultry products.



220968	10 deeps	Nutrient Agar
220971	100 slants	Used for the cultivation of bacteria and for the enumeration of organisms in water, sewage, faeces and other materials. Tube size K.
221669	10 x 5 ml	Nutrient Broth
257101	10 x 5 ml	Used for the cultivation of many species of nonfastidious microorganisms. Tube size K.

211763	6 x 10 ml	Oxford Antimicrobic Supplement, Modified
		Modified Oxford Antimicrobic Supplement is used with Oxford Medium Base (cat. no. 222530) for isolating and differentiating *Listeria monocytogenes.*
263710	3 x 10 ml	PALCAM Antimicrobic Supplement
		Used with PALCAM Medium base (cat. no. 263620) for isolating and cultivating *Listeria*, particularly from foods and milk products.
257137	10 x 4 ml	Peptone Water with Glucose and Durham Tube
		4 ml medium in 8 ml vial with screw cap and Durham tube.
221705	10 tubes	Phenol Red Broth with Xylose and Durham Tube
		For the determination of fermentation reactions in the differentiation of microorganisms. Tube size K.
257204	50 x 10 ml	Phosphate Buffered Saline
		Used in microbiological procedures that require an isotonic or buffered diluent. 15 ml vial with screw cap and 10 ml fill volume.
232681	6 x 10 ml	Polymyxin B (Antimicrobic Vial P)
		Contains 30,000 units of Polymyxin B per 10 ml vial.
298330	10 x 0.5 ml	Rapid Urea Broth
		Used for the presumptive identification of *Helicobacter pylori* in gastric antral biopsy specimens.
257257	50 x 10 ml	Rappaport-Vassiliadis R10 Broth
		Rappaport Vassiliadis (RV) R10 Broth is used for selectively enriching *Salmonella* from meat and dairy products, faeces and sewage-polluted water.
215199	10 x 10 ml	Rappaport-Vassiliadis *Salmonella* Soy Broth
		RVS Soy Broth is used for selectively enriching *Salmonella* in food and environmental samples. Meets USP, EP and JP performance specivications, where applicable. Tube size K.
214904	10 x 3 ml	Rose Bengal Antimicrobic Supplement C
		Used with Rose Bengal Agar Base (cat. no. 218312) in isolating and enumerating yeasts and moulds.
232281	6 x 1 g	Rosolic Acid
		Used with m FC Agar (cat. no. 267720) and m FC Broth Base (cat. no. 288330) in cultivating and enumerating faecal coliforms by the membrane filtration technique at elevated temperatures.
297252	10 slants	Sabouraud Brain Heart Infusion Agar with Chloramphenicol and Gentamicin.
		Used in qualitative procedures for cultivation of dermatophytes and other pathogenic and nonpathogenic fungi from clinical and nonclinical specimens.
221012	10 slants	Sabouraud Dextrose Agar
221013	100 slants	Used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. Meets EP, USP and JP performance specifications, where applicable. Tube size A.
296182	100 x 20 ml	

221825	100 slants	Sabouraud Dextrose Agar with Chloramphenicol
		Used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. Chloramphenicol is inhibitory to a wide range of Gram-negative and gram positive bacteria. Meets EP, USP and JP performance specifications, where applicable. Tube size C.
297649	10 slants	Sabouraud Dextrose Agar with Chloramphenicol & Cycloheximide
		Used in qualitative procedures for cultivation of pathogenic and nonpathogenic fungi, particularly dermatophytes. Chloramphenicol is inhibitory to a wide range of Gram-negative and gram positive bacteria. Cycloheximide is an antifungal agent that is primarily active against saprophytic fungi and does not inhibit yeasts or dermatophytes. Meets EP, USP and JP performance specifications, where applicable. Tube size A.
221014	10 slants	Sabouraud Liquid Broth Modified (Antibiotic Medium 13)
		Antibiotic Assay Media are used for determining antibiotic potency by the microbiological assay technique. This medium meets USP performance specifications, where applicable. Tube size K.
221541	10	Schaedler Broth with Vitamin K
221542	100	Used for the cultivation of fastidious aerobic and anaerobic microorganisms. Tube size K.
221020	10 x 8 ml	Selenite-F Broth
221021	100 x 8 ml	Selenite Broth (Selenite-F Broth) is used as an enrichment medium for the isolation of *Salmonella* from faeces, urine, water, foods and other materials of sanitary importance. Tube size K.

297711	100 x 20 ml	Selenite Cystine Broth
		Selective enrichment medium for the isolation of *Salmonella* from faeces, foods, water and other materials of sanitary importance. Tube size K.
221391	10 slants	Seven H11 Agar
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and nonclinical specimens. Tube size A.
297315	10 slants	Selective Seven H11 Agar
		The Selective Seven H11 Agar is 7H11 Agar modified by the addition of four antimicrobial agents: polymyxin B, carbenicillin, amphotericin B and trimethoprim lactate.
221958	10 slants	Seven H11 Agar with Aspartic Acid and Sodium Pyruvate
		The addition of pyruvate to Seven H11 Agar has been recommended for specimens suspected of containing *Mycobacterium bovis*. The addition of aspartic acid has been recommended to enhance the production of niacin. Tube size A.
221712	100 tubes	SF Broth
		Streptococcus Faecalis Broth is used for the differentiation of *Enterococcus* species from the *Streptococcus bovis* group and other streptococci.
221010	10	SIM Medium
221011	100	Used to differentiate enteric bacilli on the basis of sulfide production, indole formation and motility. Tube size K.
221026	10 slants	Simmons Citrate Agar
		For the differentiation of Gram-negative bacteria on the basis of citrate utilisation. Tube size K.

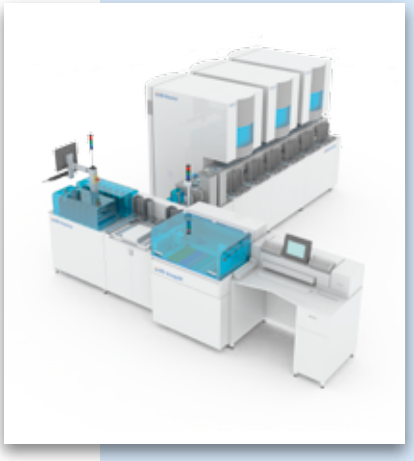
257178	5 x 10 ml	Steiners Fluid
227610	6 x 10 ml	Supplement B
227620	100 ml	Used with Eugon Agar (cat. no. 258910) for cultivating a wide variety of microorganisms, especially *Neisseria, Francisella* and *Brucella* species. Used in Chocolate Agar for cultivating *Neisseria gonorrhoeae* and other fastidious microorganisms. Contains glutamine, coenzyme (V factor), cocarboxylase and other growth factors, as well as haematin (X factor).
233541	6 x 10 ml	Supplement VX
233542	100 ml	Lyophilised concentrate with diluent. Recommended for enriching GC Agar media, Proteose No. 3 Agar and selective agars for the isolation of pathogenic *Neisseria*.
215294	10 x 5 ml	Tellurite Solution 1%
211917	1 x 20 ml	Used with Tellurite Glycine Agar (cat. no. 261710) for isolating coagulase positive staphylococci.
257329	50 x 5 ml	Tetrathionate Broth Base
257328	50 x 10 ml	Tetrathionate Broth Base, with added iodine-iodide solution, is used as a selective enrichment medium for the isolation of *Salmonella* from faeces, urine, foods and other materials of sanitary importance. Tube size D.
221195	10 x 8 ml	Thioglycollate Medium (Fluid Thioglycollate Medium)
221196	100 x 8 ml	Fluid Thioglycollate Medium (FTM) is used for the sterility testing of biologics and for the cultivation of anaerobes, aerobes and microaerophiles. EP and USP compliant, where applicable. Tube size K.
220888	10 x 20 ml	
221741	10 x 5 ml	Thioglycollate Medium, Enriched
221742	100 x 5 ml	Enriched Fluid Thioglycollate Medium is a general purpose medium used in qualitative procedures for the cultivation of fastidious, as well as nonfastidious microorganisms, including aerobic and anaerobic bacteria, from a variety of clinical and nonclinical specimens. 221787 and 221788 tube size K.
221787	10 x 8 ml	
221788	100 x 8 ml	
297264	100 x 10 ml	Thioglycollate Medium, Enriched, with Calcium Carbonate
		Enriched Thioglycollate Medium with Calcium Carbonate is recommended for the maintenance of stock cultures.
234210	6 x 15 ml	Tinsdale Enrichment Desiccated
		Used with Tinsdale Agar Base (cat. no. 278610) in isolating and differentiating *Corynebacterium diphtheriae*.
221713	10 x 5 ml	Todd Hewitt Broth
221714	100 x 5 ml	General purpose medium, used primarily for the cultivation of beta-haemolytic streptococci, especially for serological studies. Tube size K.
299486	100 tubes	Todd Hewitt Broth with Gentamicin and Nalidixic Acid
		Used for the selective enrichment of group B streptococci (Streptococcus agalactiae), especially from genital specimens.
298323	10 tubes	Trichosel™ Broth, Modified, with 5% Horse Serum
		Used for the isolation and cultivation of *Trichomonas* species.
221038	10 slants	TSI Agar (Triple Sugar Iron Agar)
221039	100 slants	Used for the differentiation of Gram-negative enteric bacilli based on carbohydrate fermentation and the production of hydrogen sulfide.

221082	10 x 20 ml	Trypticase™ Soy Agar (Soybean-Casein Digest Agar)
221086	100 slants	Used for the isolation and cultivation of nonfastidious and fastidious microorganisms. Meets EP, USP and JP performance specifications, where applicable. 221082 tube size A 221086 and 221087 tube size K
221087	100 slants	
297941	100 x 20 ml	Trypticase™ Soy Agar, Modified (TSA II)
		For cultivation of fastidious microorganisms. The combination of casein and soy peptones in TSA II renders the medium highly nutritious.
220830	10 slants	Trypticase™ Soy Agar, Modified, with Defibrinated Sheep Blood
		For cultivating fastidious microorganisms and for the visualisation of haemolytic reactions produced by many bacterial species.
221815	100 x 2 ml	Trypticase™ Soy Broth (Soybean-Casein Digest Broth)
221715	10 x 5 ml	Trypticase™ Soy Broth, also known as Tryptic Soy Broth, TSB and Soybean-Casein Digest Broth, is a general purpose medium used in qualitative procedures for the cultivation of fastidious and nonfastidious microorganisms from a variety of clinical and nonclinical specimens. Meets EP, USP and JP performance specifications, where applicable. 221815, 221715, 221716, 221092, 221093 tube size K.
221716	100 x 5 ml	
221092	10 x 8 ml	
221093	100 x 8 ml	
299936	100 x 10 ml	
297811	10 x 20 ml	
297354	10 x 10 ml	
297808	100 x 1.5 ml	Trypticase™ Soy Broth with 20% Glycerol
		Used for long-term frozen maintenance of bacterial stock cultures. Tube size K.
221351	100 tubes	Trypticase™ Soy Broth with 6.5% Sodium Chloride
		BD Trypticase™ Soy Broth with 6.5 % Sodium Chloride is used to differentiate Enterococcus spp. from the Strep bovis group of streptococci. Tube size K.
231121	1 x 30 ml	TTC solution 1%
		Prepared from microbiologically tested 2,3,5-triphenyltetrazolium chloride (TTC) for use in all microbiological methods utilising triphenyltetrazolium chloride. It is used as a redox indicator in culture media for differentiating bacteria.
257207	50 x 25 ml	Tween® 80, 20 %
		30 ml screw-cap vial. 25 ml fill volume.

221100	10 tubes	Urea Agar Base Concentrate 10 X
		Filter sterilised 10 X concentrated solution in tubes for use in preparing Urea Agar slants in the laboratory. Tube size K.
221096	10 slants	Urea Agar
221097	100 slants	Used for the differentiation of organisms, especially the *Enterobacteriaceae*, on the basis of urease production. Tube size K.
221719	10 x 3 ml	Urease Test Broth
		Used for the differentiation of organisms, especially the *Enterobacteriaceae*, on the basis of urease production. Tube size K.
221098	10 tubes	Urease Broth Concentrate 10 X
		Filter sterilised 10 X concentrated solution for use in preparing Urease Test Broth in the laboratory. Tube size K.

212269	10 x 10 ml	VCA Inhibitor
		Lyophilised preparation containing inhibitory agents to be used in selective media for culturing *N. gonorrhoeae* and *N. meningitidis*.
212404	10 x 10 ml	VCAT Inhibitor
		Lyophilised preparation containing inhibitory agents to be used in selective media for culturing *N. gonorrhoeae* and *N. meningitidis*.
212227	10 x 2 ml	VCN Inhibitor
212228	10 x 10 ml	Lyophilised preparation containing inhibitory agents to be used in selective media for culturing *N. gonorrhoeae* and *N. meningitidis*.
212408	10 x 10 ml	VCNT Inhibitor
		Lyophilised preparation containing inhibitory agents to be used in selective media for culturing *N. gonorrhoeae* and *N. meningitidis*.
212354	10 x 10 ml	Vitamin K1 - Haemin Solution
		Used as a culture medium enrichment for anaerobic microorganisms.
297345	100 x 5 ml	Water
		The water in these tubes is purified (deionised) water that is ready and convenient for use as a diluent or suspending medium. Tube size K.
231961	6 x 10 ml	Yersinia Antimicrobic Supplement CN
		Yersinia Antimicrobic Supplement CN is used in the preparation of Yersinia Selective Agar (CIN Agar) for the selective isolation and cultivation of *Yersinia enterocolitica* from clinical and nonclinical sources.

BD Kiestra™ Lab Automation



Because every lab is different, BD Kiestra™ developed a full program to ensure that the best solution for your organization can be defined, both today and in the future.

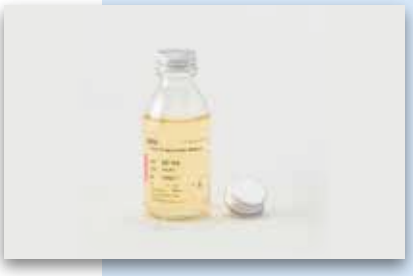
Bottled Media

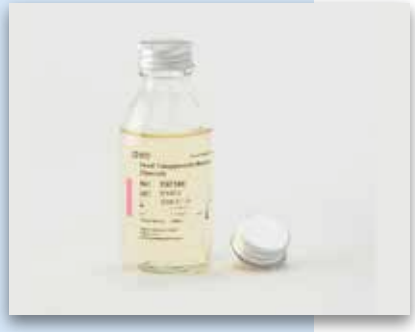
Sterility Testing

Standard Packaging

BD Fluid Thioglycollate Medium is used for the sterility testing of biologics and for the enrichment and cultivation of anaerobes, aerobes, and microaerophiles.

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257144	Fluid Thioglycollate Medium	20 ml	Screw cap	Vial	30 ml	50
257176	Fluid Thioglycollate Medium	100 ml	Septum	Infusion	100 ml	25
257143	Fluid Thioglycollate Medium	100 ml	Screw cap	Syrup	150 ml	25





257317	Fluid Thioglycollate Medium	100 ml	Twist-off	Wide Mouth	150 ml	25
257422	Fluid Thioglycollate Medium	100 ml	Twist-off	Wide Mouth	150 ml	25
257485	Fluid Thioglycollate Medium	100 ml	Twist-off	Wide Mouth	245 ml	10
257408	Fluid Thioglycollate Medium	300 ml	Septum	Infusion	500 ml	10
257406	Fluid Thioglycollate Medium	600 ml	Septum	Infusion	1000 ml	4
257176	Fluid Thioglycollate Medium	100 ml	Septum	Infusion	100 ml	25
257143	Fluid Thioglycollate Medium	100 ml	Screw cap	Syrup	150 ml	25
257317	Fluid Thioglycollate Medium	100 ml	Twist-off	Wide Mouth	150 ml	25
257422	Fluid Thioglycollate Medium	100 ml	Twist-off	Wide Mouth	150 ml	25
257485	Fluid Thioglycollate Medium	100 ml	Twist-off	Wide Mouth	245 ml	10
257408	Fluid Thioglycollate Medium	300 ml	Septum	Infusion	500 ml	25
257406	Fluid Thioglycollate Medium	600 ml	Septum	Infusion	1000 ml	4
257206	Fluid Thioglycollate with 1% Polysorbate 80	100 ml	Screw Cap/ Septum with hole	Syrup	150 ml	25
257107	Trypticase™ Soy Broth	20 ml	Screw Cap/ Septum with hole	Vial	30 ml	50
257583	Tryptic Soy Broth	90 ml	Screw Cap/ Septum with hole	Syrup	150 ml	25
257488	Tryptic Soy Broth	90 ml	Twist-off	Wide mouth bottle	245 ml	10

257541	Tryptic Soy Broth	90 ml	Twist-off	Wide mouth bottle	380 ml	10
257247	Trypticase™ Soy Broth	100 ml	Septum	Infusion	125 ml	25
257159	Trypticase™ Soy Broth	100 ml	Screw cap	Syrup	150 ml	25
257316	Tryptic Soy Broth	100 ml	Twist-off	Wide mouth bottle	150 ml	25
257424	Tryptic Soy Broth	100 ml	Twist-off	Wide mouth bottle	250 ml	25
257486	Tryptic Soy Broth	100 ml	Twist-off	Wide mouth bottle	245 ml	10
257411	Trypticase™ Soy Broth	200 ml	Septum	Infusion	250 ml	10
257412	Trypticase™ Soy Broth	300 ml	Septum	Infusion	500 ml	10
257414	Trypticase™ Soy Broth	600 ml	Septum	Infusion	1000 ml	4
257202	Trypticase™ Soy Broth	10 l	Septum	Bag	10 l	1
257366	Tryptic Soy Broth with 0.5% Polysorbate 80, single wrapped	100 ml	Septum	Infusion	125 ml	25
257205	Tryptic Soy Broth with 1% Polysorbate 80, single wrapped	100 ml	Screw Cap	Syrup	150 ml	25
257161	Trypticase™ Soy Broth, double strength	50 ml	Septum	Infusion	100 ml	25
254960	Tryptic Soy Broth, double strength	50 ml	Twist-off	Wide mouth	150 ml	25

ETO Packaging

BD ETO (Ethylene Oxide) gassed Sterility Testing Bottles combine the advantages of the standard Sterility Testing Bottles, with a sterile double wrapping of the box. Bottles are wrapped in a polypropylene box, 2 Stericlin® bags and an outer transport box.

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257097	Fluid Thioglycollate Medium, Special (ETO) double wrapped	100 ml	Septum	Infusion	125 ml	44
257211	Trypticase™ Soy Broth (ETO) double wrapped	50 ml	Screw Cap	Syrup	100 ml	48
257307	Trypticase™ Soy Broth (ETO) double wrapped	100 ml	Septum	Infusion	100 ml	44

Double Wrapped

BD Sterile Pack Sterility Testing Bottles are terminally sterilized inside autoclavable double-bags. This unique manufacturing process results in a bottle exterior that is free from microbial contaminants.

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257217	Fluid Thioglycollate Medium, Special, double wrapped	100 ml	Septum	Infusion	125 ml	10
257293	Fluid Thioglycollate Medium, double wrapped	100 ml	Twist-off	Wide mouth	245 ml	10
257219	Fluid Thioglycollate Medium, Special, double wrapped	340 ml	Screw Cap	Lab bottle	500 ml	10
257569	Fluid Thioglycollate Medium, double wrapped	800 ml	Septum	Infusion	1000 ml	4

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257213	Trypticase™ Soy Broth*, double wrapped (100 ml), septum, EP/USP	100 ml	Septum	Infusion	125 ml	10
257294	Trypticase™ Soy Broth, double wrapped	100 ml	Twist-off	Wide mouth	245 ml	10
257215	Tryptic Soy Broth, double wrap	250 ml	Twist-off	Wide mouth	380 ml	10
257197	Trypticase™ Soy Broth, double wrapped	800 ml	Screw Cap	Syrup	1000 ml	4

Standard Packaging

Diluting and rinsing fluid for sterility tests of pharmaceutical products according to the membrane filtration method.

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257332	Fluid A	100 ml	Septum	Infusion	125 ml	1
254965	Fluid A	100 ml	Twist-off	Wide mouth	150 ml	25
254979	Fluid A	300 ml	Septum	Infusion	500 ml	10
257511	Fluid A with ascorbic acid	300 ml	Septum	Infusion	500 ml	10
257241	Fluid D	300 ml	Septum	Infusion	500 ml	10

ETO Packaging

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257549	Fluid A	100 ml	Screw Cap	Syrup	125 ml	20

Double Wrapped

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257603	Fluid A (100ml), septum, USP	100 ml	Septum	Infusion	125 ml	25
257263	Fluid A, double wrapped	300 ml	Septum	Infusion	500 ml	10
257602	Fluid A with ascorbic acid	300 ml	Septum	Infusion	500 ml	10
257601	Fluid D	300 ml	Septum	Infusion	500 ml	10
257223	Fluid D, double wrapped	650 ml	Septum	Infusion	1000 ml	4

Buffer and Solutions

Used for dissolving, suspending, and diluting test samples according to the European Pharmacoepia (EP).

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257385	Phosphate Buffer pH 7.2, stock solution	100 ml	Septum	Infusion	100 ml	25

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257086	Buffered Sodium Chloride-Peptone Solution, pH 7.0	100 ml	Septum	Infusion	100 ml	25
257087	Buffered Sodium Chloride-Peptone Solution, pH 7.0	500 ml	Septum	Infusion	500 ml	10
257483	Buffered Sodium Chloride-Peptone Solution pH 7.0 with 0.1% Polysorbate	300 ml	Screw Cap	Syrup	500 ml	10

Bile Tolerant Gram-negative bacteria

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
254959	Enterobacteriaceae Enrichment Broth Mossel	100 ml	Screw Cap	Syrup	125 ml	25
		Used for selectively enriching and detecting Enterobacteriaceae, particularly from foods.				
257135	Enterobacteriaceae Enrichment Broth	100 ml	Twist-off	Wide mouth	212 ml	10

Candida albicans

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
257153	Sabouraud Glucose Agar	100 ml	Screw Cap	Syrup	150 ml	25
257104	Sabouraud Glucose Agar	250 ml	Screw Cap	Syrup	300 ml	12

Clostridia

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
215192	Reinforced Medium for Clostridia	100 ml	Phenolic cap	Syrup	125 ml	10

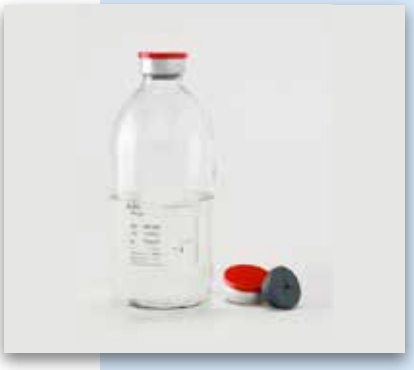
Escherichia Coli

Used for cultivating Gram-negative, lactose-fermenting bacilli in water, foods and pharmaceutical raw materials as a presumptive test for coliform organisms

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
254957	Mac Conkey Broth	100 ml	Screw Cap	Syrup	125 ml	25

Other Bottled Media

PRODUCT CODE	DESCRIPTION	FILL VOLUME	CAP TYPE	BOTTLE TYPE	BOTTLE VOLUME	PACK SIZE
254655	Antibiotic Medium 19	250 ml	Screw Cap	Syrup	300 ml	10
257595	Eugon LT100 Broth	9 ml	Screw Cap	Tube	20 ml	50
257594	Eugon LT100 Broth	100 ml	Screw Cap	Syrup	150 ml	10
257100	Lactose Broth	90 ml	Septum	Infusion	250 ml	10
256668	Lactose Broth	90 ml	Twist-off	Wide mouth	212 ml	10
257577	Lactose Broth, double strength	100 ml	Screw Cap	Syrup	300 ml	10
257580	Modified Letheen Broth	90ml	Screw Cap	Syrup	150 ml	25
257327	Letheen Broth, Modified	500 ml	Screw Cap	Lab bottle	500 ml with scale	4
257609	Letheen Broth FeCl 3	100 ml	Screw Cap	Syrup		6
257608	Letheen Broth FeCl 3	300 ml	Screw Cap	Syrup		12
257610	Polysorbate Mod. Letheen Broth	90 ml	Screw Cap	Syrup		10
257582	Modified Letheen Broth wth 5% Polysorbate 80	90 ml	Screw Cap	Syrup	150 ml	25



257326	Modified Letheen Broth wth 5% Polysorbate 80	90 ml	Twist-off	Wide mouth	380 ml	10
257331	Modified Letheen Broth wth 5% Polysorbate 80	100 ml	Twist-off	Wide mouth	380 ml	10
257563	Modified Letheen Broth wth 5% Polysorbate 80	500 ml	Screw Cap	Syrup	500 ml	4
257092	Mueller Hinton Broth	900 ml	Screw Cap	Syrup	1000 ml	4
257088	Peptone Water 0.1%	100 ml	Septum	Infusion	100 ml	25
257139	Peptone Water 0,1%	500 ml	Screw Cap	Syrup	500 ml	10
257238	Peptone Water, buffered	700 ml	Screw Cap	Syrup	1000 ml	4
257204	Phosphate Buffered Saline	10 ml	Screw Cap	Vial	15 ml	50
257639	Potato Dextrose Agar	500 ml	Screw Cap	Syrup	500 ml	4
257336	R2A Agar	100 ml	Screw Cap	Syrup	150 ml	25
257257	Rappaport - Vassiliadis Broth	10 ml	Screw Cap	Vial	25 ml	50
257558	Sodium Chloride 0,9%	500 ml	Septum	Infusion	500 ml	10
257235	Sterility handling kit - Media					3
257648	TAT (Trypton-Azetolin-Polysorbate 80 Broth	90 ml	Twist-off	Wide mouth	212 ml	10
256665	Tryptic Soy Agar	100 ml	Screw Cap	Syrup	250 ml	2
257106	Trypticase™ Soy Agar	500 ml	Screw Cap	Syrup	500 ml	10
257202	Trypticase™ Soy Broth	10 l	Septum	Bag	10 l	1
257266	Sterile Water, double wrapped (not injection)	400 ml	Septum	Infusion	500 ml	10

BD Prepared Media for Environmental Monitoring

Media Guide

Trypticase™ Soy Agar is a general-purpose medium for cultivation of aerobes.

Sabouraud Dextrose Agar is the same as Sabouraud Glucose Agar. General-purpose medium for cultivation of yeasts and fungi.

D/E Neutralising Agar contains sodium bisulfite, sodium thioglycollate, sodium thiosulfate, lecithin and polysorbate 80.

Sanitiser Neutralising Agar has a TSA base, with 4 added neutralisers to inactivate a variety of disinfectant and antiseptic chemicals;

- Lecithin. Neutralises quarternary ammonium compounds.
- Polysorbate 80. Neutralises phenols, hexachlorophene, formalin and, with lecithin, ethanol.
- Histidine. Inactivates aldehydes, especially formaldehyde.
- Pyruvate. Inactivates active oxygen and peroxides.

Some additional additives are;

Chloramphenicol, a broad-spectrum bacteriostatic antimicrobial, active against gram positive and Gram-negative organisms. For use in plates for growing yeasts and fungi.

Penicillinase, an enzyme which inactivates penicillin and cephalosporins. For use in environmental monitoring procedures where these compounds may be present.

Gamma Irradiated Media

Introducing BBLTM IC-XT Plated Media"

The BBL™ IC-XT (Isolator Cleanroom eXTended) Plated Media are designed to meet the needs of the pharmaceutical microbiologist for monitoring isolators and cleanrooms.

BBL™ IC-XT products offer an increased shelf life of about 6 months, combined with a flexible storage temperature from 2 - 25 °C.

The BBL™ IC-XT pack plates have a Sterility Assurance Level (SAL) of 10-5. All 3 bag layers are VHP resistant and hanging holes are included in all bags. Drying sachets attached to the plates block the appearance of excessive moisture. A new locking lid design of RODAC plates secures the attachment of the lid to the base of the plate after sampling. Full validation packages

For SAL, VHP resistance, shelf life, gamma-irradiation and H2O2 neutralization are available on request.

Our unique see through film combines easy opening with a clear plastic film so that you can see and check products prior to use.

Aseptic Contact Plates

Wrapping: 1 cellophane wrapper
Gamma-irradiated: No - aseptically filled only.
VHP resistance: No
Storage: 2 - 8°C

PRODUCT CODE	SIZE	PLATE TYPE	DESCRIPTION
254969	33	RODAC™	COST Agar (RODAC™ Locking Lid)
254038	33	RODAC™	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 (RODAC™ Locking Lid)

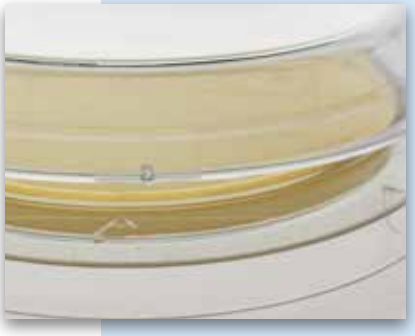
Gamma Irradiated Triple Wrapped Media

BD BBL™ IC-XT Pack 90 mm

90 mm plates. Standard size petri-dishes, identical to the 100 mm US dishes. (The US measurement is taken from the lid; the European measurement is from the base of the plate.) For use as finger-dab plates / passive air sampling.
Wrapping: Triple wrapped
Gamma-irradiated: Yes
VHP resistance: All three bag layers are VHP resistant and hanging holes are included in all bags
Storage: Flexible storage temperature from 2 - 25 degrees, with an increased shelf life of about 6 months
Sterility Assurance Level (SAL) : 10-5.
Drying sachets attached to the plates block the appearance of excessive moisture.

PRODUCT CODE	SIZE	PLATE TYPE	DESCRIPTION
257614	100	90mm	CDC Anaerobe Agar Base and Penase, IC-XT Pack
257618	100	90mm	Sabouraud Dextrose Agar, IC-XT Pack
257619	100	90mm	Sabouraud Dextrose Agar,with Lecithin and Polysorbate 80 and Chloramphenicol, IC-XT Pack
257616	100	90mm	Sanitiser Neutralising Agar, IC-XT Pack
257632	100	90mm	Trypticase™ Soy Agar, IC-XT Pack
257635	100	90mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack
257633	100	90mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penase, IC-XT Pack

BD BBL™ IC-XT Pack 55 mm (RODAC™ locking lid)



RODAC™ plates. (Replicating Organism Detection and Counting). Used for surface sampling. The convex dish base gives better contact between the agar and the surface area tested. The grid is on the inside of the dish.
Wrapping: Triple wrapped
Gamma-irradiated: Yes
VHP resistance: All three bag layers are VHP resistant and hanging holes are included in all bags
Storage: Flexible storage temperature from 2 - 25 degrees, with an increased shelf life of about 6 months
Sterility Assurance Level (SAL) : 10-5.
Drying sachets attached to the plates block the appearance of excessive moisture.

PRODUCT CODE	SIZE	PLATE TYPE	DESCRIPTION
257615	100	RODAC™ LL	CDC Anaerobe Agar Base and Penase, IC-XT Pack
257630	100	RODAC™ LL	Sabouraud Dextrose Agar,with Lecithin and Polysorbate 80, IC-XT Pack
257628	100	RODAC™ LL	Sabouraud Dextrose Agar,with Lecithin and Polysorbate 80 and Chloramphenicol, IC-XT Pack
257617	100	RODAC™ LL	Sanitiser Neutralising Agar, IC-XT Pack
257637	100	RODAC™ LL	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack
257550	100	RODAC™ LL	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack (20 x 5)
257634	100	RODAC™ LL	Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penase, IC-XT Pack (20 x 5)

BD BBL™ IC-XT Pack 140 mm

140 mm plates. Large petri-dishes, suitable for finger-dabs, active and passive air sampling.
Wrapping: Triple wrapped
Gamma-irradiated: Yes
VHP resistance: All three bag layers are VHP resistant and hanging holes are included in all bags
Storage: Flexible storage temperature from 2 - 25 degrees, with an increased shelf life of about 6 months
Sterility Assurance Level (SAL) : 10-5.
Drying sachets attached to the plates block the appearance of excessive moisture.

PRODUCT CODE	SIZE	PLATE TYPE	DESCRIPTION
257629	30	140mm	Sabouraud Dextrose Agar,with Lecithin and Polysorbate 80, IC-XT Pack
257636	30	140mm	Trypticase™ Soy Agar with Lecithin and Polysorbate 80, IC-XT Pack

BD Sterile Pack Swabs

Maximum sterility with double wrapped packaging, gamma- irradiation and performance validation

PRODUCT CODE	SIZE	DESCRIPTION
220518	200	Sterile Pack Swabs
		Packaged 50 to a box, with 10 single wrapped swabs in each doublewrapped pouch Polypropylene tube is pre-filled with a 10ml rinse solution Each lot comes with a Certificate of Analysis ATP-free, Dacron™ swab One year shelf-life, at room temperature storage

BD RODAC™ Racks

PRODUCT CODE	SIZE	DESCRIPTION
212976	1	RODAC™ Rack Blue
212978	1	RODAC™ Rack Green
212977	1	RODAC™ Rack Orange
210340	1	RODAC™ Rack Unfilled plates, 55mm

BD Sterile Pack Swabs & RODAC™ Racks

PRODUCT CODE	SIZE	DESCRIPTION
220518	200	Sterile Pack Swabs
		• Packaged 50 to a box, with 10 single wrapped swabs in each double-wrapped pouch • Polypropylene tube is pre-filled with a 10ml rinse solution • Complies with the new ISO guidelines • Each lot comes with a Certificate of Analysis • ATP-free, Dacron™ swab • One year shelf-life, at room temperature storage
212976	1	RODAC™ rack - blue
212978	1	RODAC™ rack - green
212977	1	RODAC™ rack - orange
210340	500	Unfilled RODAC™ plates

BD Hycheck™ Contact Slides for Hygiene & Sterility Control

PRODUCT CODE	SIZE	DESCRIPTION
290001	10 slides	BD Hycheck™ - for Disinfection Control
		D/E Neutralising agar on both sides of the slide.
290002	10 slides	BD Hycheck™ - for Disinfection Control
		Caseinpeptone soypeptone agar and D/E Neutralising agar.
290003	10 slides	BD Hycheck™ - for Detection of Enterobacteriaceae
		Caseinpeptone soypeptone agar and crystal violet-neutralred-bile glucose agar.
290004	10 slides	BD Hycheck™ - Plate Count Agar with TTC
		Plate count agar with TTC on both sides.

290005	10 slides	BD Hycheck™ - Total Count
		Plate Count Agar and Plate Count Agar with TTC primarily for control of cutting oils, fuel oils and process water.
290006	10 slides	BD Hycheck™ - for Yeasts and Moulds
		Tryptic soy agar and rose bengal chloramphenicol agar.
290007	10 slides	BD Hycheck™ - for Yeasts and Moulds with TTC
		Tryptic soy agar an Tryptic soy agar with 0.01% TTC and rose bengal chloramphenicol agar.
290009	10 slides	BD Hycheck™ - Sabouraud Dextrose Agar
		Sabouraud Dextrose Agar for the recovery of fungi (yeasts and moulds) on both sides of the slide.
290011	10 slides	BD Hycheck™ - Tryptic Soy Agar
		Tryptic Soy Agar on both sides of the slide.

Confidence in microbial testing solutions that save you time. Time is money.

The BD FACSMicroCount™ System is a versatile solution for rapid enumeration of microorganisms. The fully automated system runs various sample types, with correlation to traditional methods.

Applications

The BD FACSMicroCount™ System can address quality testing requirements for manufacturers of pharmaceutical products, personal care products, beverages and probiotics, as well as home cleaning products.

Benefits

- Ease of use and automation
- Can provide results in minutes instead of days for most samples.
- Detects a wide range of microorganisms including bacteria, yeast, mould, spirochetes, Mycoplasmas, and parasite cysts.

BD FACS MicroCount™
Rapid Microbial Enumeration and Detection System

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BD FACS MicroCount™ System

BD FACS MicroCount™ Platform

This instument can be used for a number of applications including finished product and raw material screening for bioburden, monitoring microbial fermentation, stock culture enumeration, surface monitoring and purified and process water total viable organism screening. Ideal for the modern laboratory, this instrument has the convenience of being able to work wih multiple sample types and the running of different protocols. Flexibility of resources is also enabled with an easy to use workflow and walk-away automation.
Qualitative analysis (presence/absence test) can br run on 20 samples per hour, and quantitive analysis (enumeration) can be performed on 12-15 samples per hour. The instrument automatically adds reagents, mixes samples and performs cleaning.

PRODUCT CODE	SIZE	DESCRIPTION
653573		BD FACS MicroCount™ Platform
		An easy to use flow cytometry based solution for rapid bioburden testing and rapid enumeration of microbes. Micro-organisms that can be tested are Gram-negative bacteria, Gram-positive bacteria, Mycoplasma, Spirochetes, Anaerobes, bacterial and mould spores, and filamentous bacteria, yeasts and moulds.

Instrument Reagents and Consumables Order List*

*Note: these items are required for all applications

PRODUCT CODE	SIZE	DESCRIPTION
245167	3 x 25 ml	BD FACSMicroCount™ Sodium Azide
245171	3 x 100 ml	BD FACSMicroCount™ Performance Standard
245169	4 x 1L	BD FACSMicroCount™ Sheath Fluid
245168	1 x 1L	BD FACSMicroCount™ Cleaning Fluid
245161	25	BD Conical Tubes 50ml
352063	25 x 5 ml	BD Sample Tubes
300013	25 x 1 ml	BD Syringes
245166	1L	BD FACSMicroCount™ Phosphate Buffer
245162	2 x 24 ml	Lysis Buffer

BD FACS MicroCount™ Applications Reagents Order Lists

Product Screening Reagents and Consumables List

PRODUCT CODE	SIZE	DESCRIPTION
245170	50 tests	BD FACSMicroCount™ Product Screening Media Kit
245160	50	BD FACSMicroCount™ 35 µm Product Filter Caps
245173	4 x 30 µL	BD FACSMicroCount™ Biomass Stain
245165	4 x 24 mL	BD FACSMicroCount™ Dye Diluent
245163	4 x 24 mL	BD FACSMicroCount™ BRAG3
245172	1L	BD FACSMicroCount™ Growth Enhancement Media

Total Viable Organism (TVO) Reagents and Consumables List

PRODUCT CODE	SIZE	DESCRIPTION
245173	4 x 30 µL	BD FACSMicroCount™ Biomass Stain
245165	4 x 24 mL	BD FACSMicroCount™ Dye Diluent
245163	4 x 24 mL	BD FACSMicroCount™ BRAG3

Purified Water Testing Reagents and Consumables List

PRODUCT CODE	SIZE	DESCRIPTION
245173	4 x 30 µL	BD FACSMicroCount™ Biomass Stain
245165	4 x 24 mL	BD FACSMicroCount™ Dye Diluent
245163	4 x 24 mL	BD FACSMicroCount™ BRAG3
245164	4 x 24 mL	BD FACSMicroCount™ Buffer Reagent

Biomass Testing Reagents and Consumables List

PRODUCT CODE	SIZE	DESCRIPTION
245173	4 x 30 µL	BD FACSMicroCount™ Biomass Stain
245165	4 x 24 mL	BD FACSMicroCount™ Dye Diluent

Bacterial Contamination on Vaccine Production Reagents and Consumables List

PRODUCT CODE	SIZE	DESCRIPTION
245173	4 x 30 µL	BD FACSMicroCount™ Biomass Stain
245165	4 x 24 mL	BD FACSMicroCount™ Dye Diluent
245163	4 x 24 mL	BD FACSMicroCount™ BRAG3
245164	2 x 24 mL	BD FACSMicroCount™ Lysis Buffer Reagent

Mycoplasma Fermentation Yield Reagents and Consumables List

PRODUCT CODE	SIZE	DESCRIPTION
245173	4 x 30 µL	BD FACSMicroCount™ Biomass Stain
245174	4 x 60 µL	BD FACSMicroCount™ Dead Cell Stain
245165	4 x 24 mL	BD FACSMicroCount™ Dye Diluent

Direct Testing Systems & Serology

BD Chromatographic Immunoassays
BD Directigen™ Test Kits 100

Enzymes
BD Difco™ & BD BBL™ Enzymes 101

BD Latex Agglutination Test Kits
BD Latex Test Kits. 101

Syphilis Testing
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BD Macro-Vue™ RPR Components 102
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BD Chromatographic Immunoassays

BD Directigen™ Test Kits

PRODUCT CODE	SIZE	DESCRIPTION
252360	30 tests	BD Directigen™ - Meningitis Combo Test Kit
		A presumptive latex agglutination test for the direct qualitative detection of antigens to *H. influenzae* type b, *S. pneumoniae*, Group B streptococcus, *N. meningitidis* Groups A, B, C, Y or W135, and *Escherichia coli* K1 in cerebrospinal fluid (CSF), serum, urine or blood culture media. In addition, the test kit provides confirmation and serogrouping capabilities from suspected colonies of *H. influenzae* type b, *S. pneumoniae*, Group B streptococcus, and *N. meningitidis* Groups A/Y, B or C/W135. 30 patient tests, 60 controls - 90 determinations.
256030	30 tests	BD Directigen™ EZ - RSV Test Kit
		A rapid chromatographic immunoassay for the detection of Respiratory Syncytial Virus (RSV) antigen in naso-pharyngeal washes, naso-pharyngeal aspirates, naso-pharyngeal swabs and naso-pharyngeal swab/washes from patients suspected of having a viral respiratory infection. This test is intended for in vitro diagnostic use to aid in the diagnosis of Respiratory Syncytial Virus (RSV) infections in neonatal and paediatric patients under the age of 20.
256050	30 tests	BD Directigen™ EZ - Flu A+B Test Kit
		Simpler workflow - two step lateral flow process enhanced by proprietary reagents. Easily performed and interpreted by non-laboratory personnel, with results in less than 15 minutes.
255460	30 tests	BD Directigen™ EZ Group B Strep Test Kit
		Presumptive latex slide agglutination test for direct qualitative detection of antigens to group B Strep in cerebrospinal fluid (CSF), serum or urine.
252260	30 tests	BD Directigen™ H. influenzae Type B Test Kit
		Presumptive latex slide agglutination test for direct qualitative detection of antigens to H. influenzae Group B in cerebrospinal fluid (CSF), serum or urine.
256391	30 tests	BD Directigen™ Meningitis Buffer Solution with EDTA
		or use with products 252360, 252260,2 51960, 255560, 255460 and 250160.
255560	30 tests	BD Directigen™ N. meningitis Group B/E.coli K1 Test Kit
		Presumptive latex slide agglutination test for direct qualitative detection of antigens to N. meningitis group B and E. coli K1 in cerebrospinal fluid (CSF), serum or urine.
250160	30 tests	BD Directigen™ N. meningitis Groups A, C, Y, W135
		Presumptive latex slide agglutination test for direct qualitative detection of antigens to *Neisseria meningitidis* Groups A, C, Y and W135 directly in cerebrospinal fluid (CSF), serum or urine.
251960	30 tests	BD Directigen™ S. pneumoniae Test Kit
		Presumptive latex slide agglutination test for direct qualitative detection of antigens to S. pneumoniae group B in cerebrospinal fluid (CSF), serum or urine.

Enzymes

BD Difco™ & BD BBL™ Enzymes

PRODUCT CODE	SIZE	DESCRIPTION
211897	10 x 20 ml	Penicillinase
		BD BBL™ Penicillinase: 1,000,000 units/ml. Enzyme preparation used to neutralise penicillin and to permit growth of organisms ordinarily inhibited by the antibiotic. 20 ml per Tube.
211898	10 x 20 ml	Penicillinase Concentrate
211899	100 ml	10 x concentrate of Penicillinase.
234510	6 x 20 ml	Penase
		BD Difco™ Penase is a beta-lactamase which hydrolyses the beta-lactam ring in penicillins, thereby inactivating the antimicrobial properties of penicillin. Used in media for sterility testing of penicillins and for determining microbial counts of materials containing penicillin.
234620	100 ml	Penase Concentrate
234630	6 x 100 ml	10 x Concentrate. Inactivates 10,000,000 International units/mL of Penicillin G (20,000 L.U./mL/min)

BD Latex Agglutination Test Kits

BD Latex Test Kits

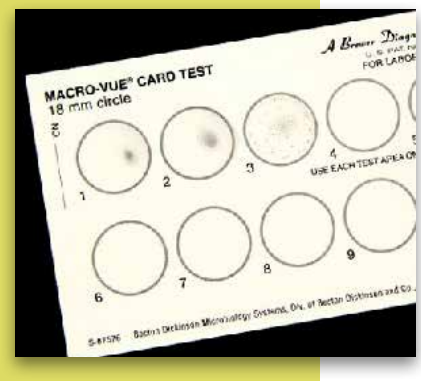
PRODUCT CODE	SIZE	DESCRIPTION
240952	100 tests	BD Staphyloslide™ - Latex Test Kit
		The BD Staphyloslide™ Latex Test is a latex slide agglutination test for the differentiation of staphylococci which possess clumping factor and/or Protein A.
240950	50 tests	BD Streptocard™ - Enzyme Latex Test Kit
		Used for identification of Lancefield streptococcal groups A, B, C, F and G from streptococcus colonies that are ß-haemolytic and non-haemolytic.
240960	2.5 ml	BD Streptocard™ - Latex A Test, Bottle
		Test Latex A consists of blue latex particles sensitized with rabbit antibody to appropriate group specific antigen, suspended in buffer containing 0.1% sodium azide (preservative).
240961	2.5 ml	BD Streptocard™ - Latex B Test, Bottle
		Test Latex B consists of blue latex particles sensitized with rabbit antibody to appropriate group specific antigen, suspended in buffer containing 0.1% sodium azide (preservative).
240962	2.5 ml	BD Streptocard™ - Latex D Test, Bottle
		Test Latex D consists of blue latex particles sensitized with rabbit antibody to appropriate group specific antigen, suspended in buffer containing 0.1% sodium azide (preservative).
240966	50	BD Streptocard™ - Reaction Cards
		Disposable; 6 reaction circles per card.

240951	100 tests	BD Streptocard™ - Acid Latex Test Kit
		This is a latex test system for the qualitative identification of Lancefield streptococcal groups A, B, C, F and G. The test is intended for use with streptococcus colonies that are β-hemolytic on blood agar.
240963	8 ml	BD Streptocard™ - Acid Extraction Reagent, Bottle
		This is a latex test system for the qualitative identification of Lancefield streptococcal groups A, B, C, F and G. The test is intended for use with streptococcus colonies that are β-hemolytic on blood agar.
240964	2 x 2.1g	BD Streptocard™ - Extraction Enzyme Reagent, Bottle
		Lyophilized, reconstitute with 12 mL of distilled water, with 0.01% thimerosal (preservative).

Syphilis Testing

BD Latex Test Kits

PRODUCT CODE	SIZE	DESCRIPTION
274449	300 tests	BD Macro-Vue™ RPR - Card Test Kit No. 104
		Nontreponemal testing procedure for the serological detection of syphilis. • 2 x 3 ml ampules antigen • 20 G dispensing needle • antigen dispensing bottle • stirrers, 30 cards with 10 x 18 mm circle spots each • 300 x 0.05 ml capillaries
275005	500 tests	BD Macro-Vue™ RPR - Card Test Kit No. 110
		Nontreponemal testing procedure for the serological detection of syphilis • 3 x 3 ml ampules antigen • 20 G dispensing needle • antigen dispensing bottle • 50 cards with 10 x 18 mm circle spots each • BD Dispenstirs™ devices, 0.05 ml delivery
275239	150 tests	BD Macro-Vue™ RPR - Card Test Kit No. 112
		Nontreponemal testing procedure for the serological detection of syphilis. • 5 x 3 ml ampules antigen • 20 G dispensing needle • antigen dispensing bottle • stirrers, 50 cards (quantitative) with 15 x 18 mm circle spots each • 150 x 0.05 ml capillaries
275539	150 tests	BD Macro-Vue™ RPR - Card Test Kit No. 115
		Nontreponemal testing procedure for the serological detection of syphilis • 1 x 3 ml ampules antigen • 20 G dispensing needle • antigen dispensing bottle • 15 cards with 10 x 18 mm circle spots each • BD Dispenstirs™ devices, 0.05 ml delivery



BD Macro-Vue™ RPR Components

PRODUCT CODE	SIZE	DESCRIPTION
270333	3 x 3 ml	BD Macro-Vue™ RPR Card - Antigen Suspension
270309	10 x 3 ml	These Cards are a component of the BD Macro-Vue™ RPR Card Tests (Qualitative and Quantitative) which is for the serological detection of syphilis. RPR Card Antigen Suspension is a reagent component part used in performing the BD Macro-Vue™ RPR (Rapid Plasma Reagin) 18 mm Circle and Teardrop Card Tests .

271849	300 x 10	BD Macro-Vue™ RPR Card - Brewer Diagnostic
		For qualitative determination with 10, 15 and resp. 30 spot cards of 18 mm circle.
272001	100 x 30	BD Macro-Vue™ RPR Card - Brewer Diagnostic
		For qualitative determination with 10, 15 and resp. 30 spot cards of 18 mm circle.
272905	500	Dispenstirs™ Device 0.05 ml volume
		For use with 18 mm circle RPR test cards.

BD Syphilis Reagents

PRODUCT CODE	SIZE	DESCRIPTION
240765	0.5 ml	VDRL Cardiolpin Antigen
240764	5 ml	With 60 ml VDRL buffered saline. Used in qualitative & quantitative determination in the following nontreponemal serological syphillis tests.
235201	5 ml	VDRL Test Control Serum Set
		VDRL Test Control Serum Set is recommended for use in the quality control testing of VDRL Antigen by the slide flocculation test.

BD Macro-Vue™ RPR Controls

PRODUCT CODE	SIZE	DESCRIPTION
276709	10 cards	BD Macro-Vue™ RPR - Control Cards
		Dehydrated control specimens of predetermined reactivity for quality-control testing of antigen before use in performing the BD Macro-Vue™ RPR Card Tests for the serological detection of syphilis. T
276909	1	BD Macro-Vue™ RPR - Liquid Controls
		Designed as an unassayed control material to monitor, at three reaction levels, the precision of BD Macro-Vue™ RPR 18 mm Circle Card Test. Contains pooled human serum with 0.1% sodium azide as a preservative.

Coagulase Testing

BD Coagulase Plasma

PRODUCT CODE	SIZE	DESCRIPTION
240658	10 x 3 ml	Coagulase Plasma
240661	10 x 15 ml	Used to qualitatively determine the pathogenicity of staphylococci using the direct tube method. Coagulase Plasma, Rabbit is lyophilised rabbit plasma with 0.85% sodium citrate and 0.85% sodium chloride, approximately. Reconstitutes to 3 ml, 15 ml or 25 ml for the Direct Tube Method.
240679	10 x 25 ml	
240827	10 x 3 ml	Coagulase Plasma with EDTA
240826	10 x 15 ml	Used to qualitatively determine the pathogenicity of staphylococci using the direct tube method. Coagulase Plasma, Rabbit with EDTA is lyophilised rabbit plasma with 0.15% EDTA (ethylenediaminetetraacetic acid) and 0.85% sodium chloride, approximately. Reconstitutes to 3 ml, 15 ml or 25 ml for the Direct Tube Method.
240680	10 x 25 ml	

Buffers & Diluents

Serological Buffers & Diluents

PRODUCT CODE	SIZE	DESCRIPTION
211248	500 g	FTA Haemagglutination Buffer
		FTA Haemagglutination Buffer (Phosphate Buffered Saline, pH 7.2) is used in the FTA-ABS test and other serological procedures as a diluent and for washing slide preparations.
223142	100 g	FA Buffer (Dried)
223143	6 x 10 g	A phosphate-buffered saline (PBS) which, upon rehydration, yields a 0.85% NaCl solution buffered to pH 7.2. BD Difco™ FA Buffer, Dried is used in preparing: • Reactive Control Serum (4+) - Unabsorbed • Minimally Reactive Control Serum (1+) • Non-reactive Control Serum (N) • Non-specific Staining Control - Unabsorbed

Antisera

Alkalescens - Dispar Antiserum

PRODUCT CODE	SIZE	DESCRIPTION
228381	1 ml	BD Difco™ QC Antigen Alkalescens-Dispar Group 1
		Used in the quality control of Alkalescens-Dispar Antiserum Poly.

Bordetella Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera with approx. 0.04% thimerosal as a preservative. When rehydrated and used as described, each vial of Difco™ antisera diluted 1:10 contains sufficient reagent for approximately 200 slide tests.

PRODUCT CODE	SIZE	DESCRIPTION
223101	1 ml	*Bordetella* parapertussis Antiserum (For Slide Agglutination)
223091	1 ml	*Bordetella pertussis* Antiserum (For Slide Agglutination)
223781	5 ml	*Bordetella parapertussis* (For Direct FA Identification)
223591	5 ml	*Bordetella pertussis* (For Direct FA Identification)

Escherichia coli Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.04% thimerosal as a preservative, used for identifying Escherichia coli O157:H7.

PRODUCT CODE	SIZE	DESCRIPTION
221591	3 ml	*E. coli* H Antiserum H7
229701	3 ml	*E. coli* O Antiserum O157

Febrile Control Sera, Glycerinated

Ready to use preparations of rabbit antiserum with 30% - 50% glycerin as preservative. Used in the diagnosis of certain febrile diseases.

PRODUCT CODE	SIZE	DESCRIPTION
240937	5 ml	Febrile Negative Control
240940	5 ml	*Proteus* Polyvalent Antiserum
240942	5 ml	*Salmonella* Flagellar Poly Antiserum
240941	5 ml	*Salmonella* Somatic Poly Antiserum
240939	5 ml	*Francisella Tularensis* Antisera

Haemophilus influenzae Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative. When properly rehydrated, each vial contains sufficient reagent for 20 slide tests.

PRODUCT CODE	SIZE	DESCRIPTION
222371	1 ml	*Haemophilus influenzae* Antiserum Poly
222501	1 ml	*Haemophilus influenzae* Antiserum Type a
222361	1 ml	*Haemophilus influenzae* Antiserum Type b
227891	1 ml	*Haemophilus influenzae* Antiserum Type c
227901	1 ml	*Haemophilus influenzae* Antiserum Type d
227911	1 ml	*Haemophilus influenzae* Antiserum Type e
227921	1 ml	*Haemophilus influenzae* Antiserum Type f

Listeria Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative.

PRODUCT CODE	SIZE	DESCRIPTION
223021	1 ml	*Listeria* O Antiserum Poly Types 1 & 4
223001	1 ml	*Listeria* O Antiserum Type 1
223011	1 ml	*Listeria* O Antiserum Type 4

Neisseria meningitidis Antisera, Lyophilised

Lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative. When properly rehydrated and used as recommended each vial of Difco™ Neisseria Meningitidis *Antiserum is sufficient reagent for 20 slide tests.*

PRODUCT CODE	SIZE	DESCRIPTION
222281	1 ml	*Neisseria meningitidis* Antiserum Group A
222291	1 ml	*Neisseria meningitidis* Antiserum Group B
222301	1 ml	*Neisseria meningitidis* Antiserum Group C
222311	1 ml	*Neisseria meningitidis* Antiserum Group D
222531	1 ml	*Neisseria meningitidis* Antiserum Group W135
228801	1 ml	*Neisseria meningitidis* Antiserum Group X
228811	1 ml	*Neisseria meningitidis* Antiserum Group Y
222521	1 ml	*Neisseria meningitidis* Antiserum Group Z'
228911	1 ml	*Neisseria meningitidis* Antiserum Group Z
229101	1 ml	*Neisseria meningitidis* Antiserum Poly 2, Groups X, Y, Z
222321	1 ml	*Neisseria meningitidis* Antiserum Poly, Groups A, B, C, D

Salmonella H (Flagellar) Antisera

Lyophilised, polyclonal rabbit antisera containing approximately 0.02% thimerosal as a preservative. When properly rehydrated and used as recommended each vial of Difco™ Neisseria Meningitidis *Antiserum is sufficient reagent for 20 slide tests.*

PRODUCT CODE	SIZE	DESCRIPTION
222721	3 ml	*Salmonella* H Antiserum 1 Complex
228201	3 ml	*Salmonella* H Antiserum a
228211	3 ml	*Salmonella* H Antiserum b
228221	3 ml	*Salmonella* H Antiserum c
228231	3 ml	*Salmonella* H Antiserum d
222731	3 ml	*Salmonella* H Antiserum eh
222701	3 ml	*Salmonella* H Antiserum EN Complex
225441	3 ml	*Salmonella* H Antiserum f
222691	3 ml	*Salmonella* H Antiserum G Complex
225451	3 ml	*Salmonella* H Antiserum h
228241	3 ml	*Salmonella* H Antiserum i
222741	3 ml	*Salmonella* H Antiserum k
222711	3 ml	*Salmonella* H Antiserum L Complex
225461	3 ml	*Salmonella* H Antiserum m
225481	3 ml	*Salmonella* H Antiserum p
225391	3 ml	*Salmonella* H Antiserum Poly A, Factors a, b, c, d, i, z10, z29
224061	3 ml	*Salmonella* H Antiserum Poly a-z, EN, G, L, Z4 & 1 complexes & a-k, r-z, z6, z10, z29 agglutinins
225401	3 ml	*Salmonella* H Antiserum Poly B, Factors eh, en, enx, enz15 & G complex
225411	3 ml	*Salmonella* H Antiserum Poly C, Factors k, l, r, y, z, z4
225421	3 ml	*Salmonella* H Antiserum Poly D, Factors z35, z36, z37, z38, z39, z41, z42

225431	3 ml	*Salmonella* H Antiserum Poly E, 1 Complex, z6
222751	3 ml	*Salmonella* H Antiserum r
225501	3 ml	*Salmonella* H Antiserum s
224741	3 ml	*Salmonella* H Antiserum Single Factor 2
224751	3 ml	*Salmonella* H Antiserum Single Factor 5
224761	3 ml	*Salmonella* H Antiserum Single Factor 6
224771	3 ml	*Salmonella* H Antiserum Single Factor 7
222651	3 ml	*Salmonella* H Antiserum Spicer-Edwards 1
222661	3 ml	*Salmonella* H Antiserum Spicer-Edwards 2
222671	3 ml	*Salmonella* H Antiserum Spicer-Edwards 3
222681	3 ml	*Salmonella* H Antiserum Spicer-Edwards 4
225511	3 ml	*Salmonella* H Antiserum t
225541	3 ml	*Salmonella* H Antiserum w
225551	3 ml	*Salmonella* H Antiserum x
222761	3 ml	*Salmonella* H Antiserum y
222771	3 ml	*Salmonella* H Antiserum z
222781	3 ml	*Salmonella* H Antiserum z4
224731	3 ml	*Salmonella* H Antiserum z6
222791	3 ml	*Salmonella* H Antiserum z10
225561	3 ml	*Salmonella* H Antiserum z13
225571	3 ml	*Salmonella* H Antiserum z15
225581	3 ml	*Salmonella* H Antiserum z23
225611	3 ml	*Salmonella* H Antiserum z28
222801	3 ml	*Salmonella* H Antiserum z29
225621	3 ml	*Salmonella* H Antiserum z32
240987	3 ml	*Salmonella* O Antiserum Group D

Salmonella O (Somatic) Antisera, Lyophilised

Difco™ Salmonella O, H and Vi Antisera are lyophilised, polyclonal rabbit antisera containing approximately 0.04% Thimerosal as a preservative. Difco™ Salmonella O Poly Antisera are polyvalent antisera. Each antiserum is specific for certain serogroup antigens. When properly rehydrated and used as recommended, each vial of Difco™ Salmonella O or Vi Antisera contains sufficient reagent for 60 tests.

PRODUCT CODE	SIZE	DESCRIPTION
222571	3 ml	*Salmonella* O Antiserum Factor 10, Group E1
227791	3 ml	*Salmonella* O Antiserum Factor 12
226611	3 ml	*Salmonella* O Antiserum Factor 14
222581	3 ml	*Salmonella* O Antiserum Factor 15, Groups E2 & E3
222591	3 ml	*Salmonella* O Antiserum Factor 19, Group E4
228141	3 ml	*Salmonella* O Antiserum Factor 2
226621	3 ml	*Salmonella* O Antiserum Factor 20
226631	3 ml	*Salmonella* O Antiserum Factor 22, Group G1
226641	3 ml	*Salmonella* O Antiserum Factor 23, Group G2
226671	3 ml	*Salmonella* O Antiserum Factor 27
211778	3 ml	*Salmonella* O Antiserum Factor 34, Group E3

226591	3 ml	*Salmonella* O Antiserum Factor 4, Group B
226601	3 ml	*Salmonella* O Antiserum Factor 5, Group B
228161	3 ml	*Salmonella* O Antiserum Factor 7, Groups C1 & C4
228171	3 ml	*Salmonella* O Antiserum Factor 8, Groups C2 & C3
228181	3 ml	*Salmonella* O Antiserum Factor 9, Group D
228151	3 ml	*Salmonella* O Antiserum Factors 4 & 5, Group B
229471	3 ml	*Salmonella* O Antiserum Group A Factors 1, 2, 12
229731	3 ml	*Salmonella* O Antiserum Group B Factors 1, 4, 5, 12
229481	3 ml	*Salmonella* O Antiserum Group B Factors 1, 4, 12, 27
229491	3 ml	*Salmonella* O Antiserum Group C1 Factors 6, 7
229501	3 ml	*Salmonella* O Antiserum Group C2 Factors 6, 8
230161	3 ml	*Salmonella* O Antiserum Group C3 Factors 8, 20
229511	3 ml	*Salmonella* O Antiserum Group D1 Factors 1, 9, 12
230171	3 ml	*Salmonella* O Antiserum Group D2 Factor (9), 46
228191	3 ml	*Salmonella* O Antiserum Group E Factors 1, 3, 10, 15, 19, 34
229521	3 ml	*Salmonella* O Antiserum Group E1 Factors 3, 10
229541	3 ml	*Salmonella* O Antiserum Group E2 Factors 3, 15
230181	3 ml	*Salmonella* O Antiserum Group E3 Factors (3), (15), 34
222601	3 ml	*Salmonella* O Antiserum Group F Factor 11
230291	3 ml	*Salmonella* O Antiserum Group G Factors 13, 22, 23, (36), (37)
222611	3 ml	*Salmonella* O Antiserum Group G1 Factors 13, 22, (36)
230201	3 ml	*Salmonella* O Antiserum Group G2 Factors 1, 13, 23, (36), (37)
222621	3 ml	*Salmonella* O Antiserum Group H Factors 1, 6, 14, 24, 25
222631	3 ml	*Salmonella* O Antiserum Group I Factors 1, 6, 14, 24, 25
211780	3 ml	*Salmonella* O Antiserum Group J Factor 17
225181	3 ml	*Salmonella* O Antiserum Group K Factor 18
225191	3 ml	*Salmonella* O Antiserum Group L Factor 21
211781	3 ml	*Salmonella* O Antiserum Group M Factor 28
211783	3 ml	*Salmonella* O Antiserum Group N Factor 30
225221	3 ml	*Salmonella* O Antiserum Group O Factor 35
225341	3 ml	*Salmonella* O Antiserum Poly A, Groups A, B, D, E1, E2, E3, E4 & L
222641	3 ml	*Salmonella* O Antiserum Poly A-I & Vi Factors 1-16, 19, 22-25, 34 Vi
225351	3 ml	*Salmonella* O Antiserum Poly B, Groups C1, C2, F, G, H
225361	3 ml	*Salmonella* O Antiserum Poly C, Groups I, J, K, M, N, O
225371	3 ml	*Salmonella* O Antiserum Poly D, Groups P, Q, R, S, T, U
225381	3 ml	*Salmonella* O Antiserum Poly E, Groups V, W, X, Y, Z
226451	3 ml	*Salmonella* O Antiserum Poly F, Groups 51-55
226461	3 ml	*Salmonella* O Antiserum Poly G, Groups 56-61
228271	3 ml	*Salmonella* Vi Antiserum
230201	3 ml	*Salmonella* O Antiserum Group G2, Factors 1/13/23

Shigella Grouping Antisera, Lyophilised

PRODUCT CODE	SIZE	DESCRIPTION
228341	3 ml	*Shigella* Antiserum Poly Group A
227761	3 ml	*Shigella* Antiserum Poly Group A1
228351	3 ml	*Shigella* Antiserum Poly Group B
228361	3 ml	*Shigella* Antiserum Poly Group C
227771	3 ml	*Shigella* Antiserum Poly Group C1
227781	3 ml	*Shigella* Antiserum Poly Group C2
228371	3 ml	*Shigella* Antiserum Poly Group D

Syphillis Antisera

PRODUCT CODE	SIZE	DESCRIPTION
240765	10 x 0.5 ml	VDRL Cardiolpin Antigen, contains 60 ml buffered saline

Vibrio cholerae Antisera, Lyophilised

Lyophilised polyclonal rabbit Vibrio cholerae *O1 antisera containing approximately 0.04% Thimerosal as a preservative. Difco™* Vibrio cholerae *Antiserum Ogawa and Difco™* Vibrio cholerae *Antiserum Inaba are monospecific absorbed antisera. When reconstituted and used as described, each vial contains sufficient reagent for 20 slide tests.*

PRODUCT CODE	SIZE	DESCRIPTION
224301	3 ml	*Vibrio cholerae* Antiserum Inaba
224311	3 ml	*Vibrio cholerae* Antiserum Ogawa
224321	3 ml	*Vibrio cholerae* Antiserum Poly

Antigens

Febrile Antigens

PRODUCT CODE	SIZE	DESCRIPTION
241049	5 ml	*Brucella* abortus Antigen
241050	5 ml	*Francisella Tularensis* Antigen
240782	5 ml	*Proteus* OX 19 Antigen
240783	5 ml	*Proteus* OX 2 Antigen
240784	5 ml	*Proteus* OX K Antigen
240834	5 ml	*Salmonella* Flagellar a Antigen
240835	5 ml	*Salmonella* Flagellar b Antigen
240785	5 ml	*Salmonella* Flagellar d Antigen (Typhoid H)
240731	5 ml	*Salmonella* O Group A Antigen (Somatic 1-2-12)
240732	5 ml	*Salmonella* O Group B Antigen (Somatiic 1-4-5-12)
240734	5 ml	*Salmonella* O Group D Antigen (Somatic 9-12) (Typhoid O)
240937	5 ml	*Febrile Antigen Negative Control*

Quality Control Antigens

PRODUCT CODE	SIZE	DESCRIPTION
221161	1 ml	Alkalescens-Dispar Group 1 QC Antigen
225851	5 ml	*Bordetella pertussis* Antigen
223031	5 ml	*Listeria* O Antigen Type 1 (Slide Test)
223041	5 ml	*Listeria* O Antigen Type 4 (Slide Test)
221301	1 ml	*Salmonella* O Group A Antigen
221311	1 ml	*Salmonella* O Group B Antigen
221321	1 ml	*Salmonella* O Group C1 Antigen
221331	1 ml	*Salmonella* O Group C2 Antigen
221341	1 ml	*Salmonella* O Group D Antigen
211750	1 ml	*Salmonella* O Group E1 Antigen
221421	1 ml	*Salmonella* Vi Antigen
221001	1 ml	*Shigella* Group A Antigen
211737	1 ml	*Shigella* Group A1 Antigen
211738	1 ml	*Shigella* Group B Antigen
221031	1 ml	*Shigella* Group C Antigen
221041	1 ml	*Shigella* Group C1 Antigen
221051	1 ml	*Shigella* Group C2 Antigen
221061	1 ml	*Shigella* Group D Antigen

Adjuvants

PRODUCT CODE	SIZE	DESCRIPTION
231131	6 x 10 ml	Adjuvant, Complete H37 Ra
		Suspension of 10 mg *M. tuberculosis* in a mixture of paraffin oil and an emulsifying agent.
231141	6 x 100 mg	M. Tuberculosis H37 Ra (Desiccated)
		Killed *M. tuberculosis* H37 Ra for use in adjuvants.
263810	6 x 10 ml	Adjuvant, Complete (Freund)
		Suspension of 5 mg *M. butyricum* in a mixture of paraffin oil and an emulsifying agent.
263910	6 x 10 ml	Adjuvant, Incomplete (Freund)
264010	6 x 100 mg	*M. butyricum* (Desiccated)
		Killed *M. butyricum* for use in adjuvants.
210866	1	PG-PS 10S
		PG-PS 10S consists of purified peptidoglycan-polysaccharide polymers which are isolated from the sonicated cell wall of *Streptococcus pyogenes*, Group A, D58 strain. The peptidoglycan is the primary immunogenic moiety. The polysaccharide, when bound to this peptidoglycan moiety, allows for the chronic inflammation seen in animal models by protecting this moiety from degradation. The PG-PS 10S is supplied as a white, opalescent liquid suspension in sterile 0.85% saline. The rhamnose concentration of the product is 3 to 6 mg/ml and the MW range of the product is 5 x 106 to 5 x 108 daltons.

210868	1	PG-PS 100P

PG-PS 100P consists of purified peptidoglycan-polysaccharide polymers which are isolated from the sonicated cell wall of *Streptococcus pyogenes*, Group A, D58 strain. The peptidoglycan is the primary immunogenic moiety. The polysaccharide, when bound to this peptidoglycan moiety, allows for the chronic inflammation seen in animal models by protecting this moiety from degradation. The PG-PS 100P is supplied as a white, opalescent liquid suspension in sterile 0.85% saline. The rhamnose concentration of the product is 5 to 8 mg/ml and the MW of the product is approximately 5 x 107 Daltons.

Reagents

PRODUCT CODE	SIZE	DESCRIPTION
215110	500 g	Pepsin 1:10,000

Anaerobic Systems

BD GasPak™ EZ Products
BD GasPak™ EZ Container Systems 113
BD GasPak™ & GasPak™ EZ Gas Generating Sachets 113

BD GasPak™ 100 & 150 Systems
BD GasPak™ 100 & GasPak™ 150 Anaerobic Jars 114
BD GasPak™ 100 Spare Parts 114
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Anaerobic Systems

BD GasPak™ EZ Products

BD GasPak™ EZ Container Systems

PRODUCT CODE	SIZE	DESCRIPTION
260671	Standard	BD GasPak™ EZ - Incubation Container
260672	Large	BD GasPak™ EZ Container Systems offer waterless, catalyst-free convenience for use in producing anaerobic, microaerophilic or CO2-enriched environments. Available in two convenient sizes, BD GasPak™ Incubation Containers are constructed of non-breakable, chemical resistant material designed to maintain a desired environment throughout incubation. 260671: Standard Incubation Container; holds up to 15/18 Petri dishes. 260672: Large Incubation Container; holds up to 30/33 dishes.
260673	Standard	BD GasPak™ EZ - Container Rack
260674	Large	Removable BD GasPak™ EZ Container Racks are available to secure Petri dishes and ease workflow. 260673: The STANDARD Rack is designed to hold up to 18 Petri dishes. 260674: The LARGE Rack is designed to hold up to 33 dishes.

BD GasPak™ & GasPak™ EZ Gas Generating Sachets

PRODUCT CODE	SIZE	DESCRIPTION
260678	20 sachets	BD GasPak™ EZ - Anaerobe Container System Sachets
		BD GasPak™ EZ Container System Sachets are sold in packages of 20 sachets and are available for the generation of anaerobic, microaerophilic or CO2 enriched environments. The sachets are activated immediately upon opening of the outer foil packaging and do not require the addition of water or catalyst. Contains 20 anaerobe container sachets. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.
260001	20 sachets	BD GasPak™ EZ Anaerobe Container System Sachets with Indicator
		Anaerobic gas generation sachet. No water or catalyst needed, sachet is activated upon removal from its foil wrapper. An anaerobic indicator is attached to the pouch which is white when reduced and blue when oxidised. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.
260679	20 sachets	BD GasPak™ EZ - CO2 Container System Sachets
		For the generation of CO2 enriched environments. No water or catalyst needed. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.
260680	20 sachets	BD GasPak™ EZ - Campy Container System Sachets
		For the generation of microaerophilic environments. No water or catalyst needed. For use in GasPak™ EZ, GasPak™ 100 and GasPak™ 150 containers and the GasPak™ EZ Pouch System.

BD GasPak™ 100 & 150 Systems

BD GasPak™ 100 & GasPak™ 150 Anaerobic Jars

PRODUCT CODE	SIZE	DESCRIPTION
260626	Small	BD GasPak™ Complete Systems
260628	Large	Small container: BD GasPak™ 100 System. Consists of polycarbonate jar, lid with "O" ring gasket, improved clamp/thumbscrew assembly and catalyst reaction chamber, two catalyst charges, one rack and one tube holder. Holds up to 12 plates and uses 1 gas generating sachet. Large container: BD GasPak™ 150 System. Consists of polycarbonate jar (non-vented), lid assembly with "O" ring gasket and catalyst reaction chambers (3 each), ten catalyst charges, one rack and one tube holder. Holds up to 36 plates and uses 3 gas generating sachets.

BD GasPak™ 100 Spare Parts

PRODUCT CODE	SIZE	DESCRIPTION
260411	1	BD GasPak™ 100 - Lid
		With improved clamp/thumbscrew assembly, "O" ring gasket, and catalyst reaction chamber, with two catalyst charges.
260637	1	BD GasPak™ 100 - Lid without O-Ring
		Without clamp screw, catalyst reaction chamber or catalyst charges.
260463	1	BD GasPak™ 100 - Polycarbonate Jar without Lid
260413	1	BD GasPak™ 100 - "O" Ring Gasket
270303	10	Catalyst Replacement Charges
260414	1	BD GasPak™ 100 - Improved Clamp/Thumbscrew Assembly

BD GasPak™ 150 Spare Parts

PRODUCT CODE	SIZE	DESCRIPTION
260610	1	BD GasPak™ 150 - Lid Assembly
		Consists of outer lid and thumb screw, inner lid, large "O" ring gasket, three catalyst reaction chambers and six catalyst charges.
270124	1	BD GasPak™ 150 - Inner Lid
		Without outer lid and thumbscrew, catalyst reaction chambers or catalyst charges.
260607	1	BD GasPak™ 150 - Anaerobic Jar without Lid (Large)

BD GasPak™ & BD Bio-Bag™ Pouch Systems

BD GasPak™ EZ Pouch Systems

PRODUCT CODE	SIZE	DESCRIPTION
260683	20 pouches	BD GasPak™ EZ - Anaerobe Pouch System
		BD GasPak™ EZ Pouch Systems offer the convenience of pouches integrated into a complete kit with everything you need to generate a pouch based anaerobic, microaerophilic or CO2-enriched environment. Anaerobic indicators are provided with the BD GasPak™ EZ Anaerobic Pouch System. The BD GasPak™ EZ Pouch Systems feature one-step re-sealable pouches, which have been specially designed to maximise the preservation of the desired environment throughout incubation. The system is also waterless and catalyst free, it contains: • 20 sachets • 20 re-sealable pouches • 20 Dry Anaerobic Indicators
260684	20 pouches	BD GasPak™ EZ - CO2 Pouch System
		For the generation of CO2 enriched environments. Containing 20 sachets and 20 re-sealable pouches.
260685	20 pouches	BD GasPak™ EZ - BD CampyPouch™ System
		For the generation of microaerophilic environments. Contains 20 sachets and 20 re-sealable pouches.

BD Bio-Bag™ Anaerobic Pouch System

PRODUCT CODE	SIZE	DESCRIPTION
261510	50	Bio-Bag™ Type C
		A disposable environmental system designed to generate a CO2-enriched environment. Contains 50 CO2 Gas Generators and 50 Bio-Bag™ Type C environmental pouches.

BD Anaerobic Systems - Accessories

Anaerobic Indicators

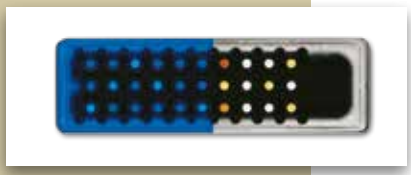
PRODUCT CODE	SIZE	DESCRIPTION
271051	100 strips	BD GasPak™ - Dry Anaerobic Indicator Strips
		Contains a dry indicator pad that changes from blue to colourless in the absence of oxygen.
271055	50 strips	BD GasPak™ - CO2 Indicator Strips
		CO2 Indicator Reagent Droppers: Indicates when an ideal carbon dioxide-enriched environment has been achieved.

Anaerobic Specimen Collection & Transport

PRODUCT CODE	SIZE	DESCRIPTION
221606	10 x 11 ml	Port-A-Cul™ Tube
		Port-A-Cul Transport Systems offer a unique non-nutritive pre-reduced transport medium that retards diffusion of oxygen after specimen addition and supports the viability of anaerobic organisms for up to 72 hours.
221609	10 x 11 ml	Port-A-Cul™ Tube and Swabs, Sterile Pack
		Each pack includes one 11 ml tube of media and 2 sterile rayon swabs.
221608	10 x 5 ml	Port-A-Cul™ Vial
221609	10 x 5 ml	Port-A-Cul™ Vial, Sterile
221602	10 x 20 ml	Port-A-Cul™ Transport Jars, Sterile Pack
		These 20 ml jars offer a sterile, 3"-wide screw cap jar with a 1"-wide mouth to facilitate tissue and other larger sample specimen insertion and removal.

220116	50 swabs	BD CultureSwab™ PLUS - Amies Gel without Charcoal, Single Swab
		The BBL CultureSwab™ Plus Collection and Transport System features Amies Agar gel media with oxygen-scavenging agents, for sampling of both aerobic and anaerobic organisms. For throat, vaginal, skin and wound specimens. Contains a sterile polyurethane foam single swab with Amies gel but no charcoal. Single swab with plastic shaft.
220121	50 swabs	BD CultureSwab™ PLUS - Amies Gel with Charcoal, Single Swab
		The BBL CultureSwab™ Plus Collection and Transport System features Amies Agar gel media with oxygen-scavenging agents, for sampling of both aerobic and anaerobic organisms. For throat, urogenital and wound specimens. Single swab with plastic shaft.

Anaerobe Identification



PRODUCT CODE	SIZE	DESCRIPTION
245010	20 tests/kit	BD Crystal™ - Anaerobe ID Kit
		Intended for the identification of clinically significant anaerobic bacteria in 4 hours. Separate databases for Schaedler Blood Agar, CDC Anaerobe Blood Agar and Alternate Blood Agars are included for improved specificity. The kit contains: • 20 panel lids • 20 panel bases • 20 inoculum tubes • 2 incubation trays • 1 result pad

The BD Phoenix™ – BD EpiCenter™ system:

Proven compliance, easy to accreditate

- **BD Phoenix™ - BD EpiCenter™ is fully updated with the EUCAST standard (drugs, breakpoints and rules)**
- **EUCAST compliant panels are commonly used in the EU clinical market**
- **Our solution has been tested against the EUCAST standard and was successfully validated**

Canton et al CMI 2012:

"BD Phoenix system when using EUCAST breakpoints showed EA, CA and discrepancy rates in agreement with acceptance criteria established by the ISO standard."[3]

Accreditation (ISO 15189)

MAKE IT EASY!

TRACEABILITY

STANDARDIZATION

AUTOMATION

Three essential attributes of the BD Phoenix™ solution that make the ID AST methods of the laboratory **easy to accreditate.**

3 Canton et al CMI 2012; 18: E452–E458, Assessment of the Phoenix™ automated system and EUCAST breakpoints for antimicrobial susceptibility testing against isolates expressing clinically relevant resistance mechanisms.

4 Internal Market Survey, 2011

Identification & Susceptibility Testing

BD Difco™ - BD BBL™ - Stains, Droppers & Indicators
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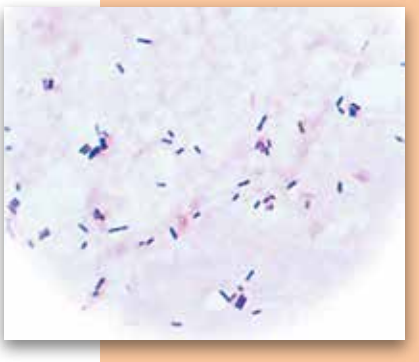
BD Difco™ - BD BBL™ - Stains, Droppers & Indicators



BD Stains, Kits & Reagents

PRODUCT CODE	SIZE	DESCRIPTION
212524	1 kit	Gram Stain Kit (with unstabilised iodine)
		Used to differentiate intact, morphologically similar bacteria into two groups based on cell colour after staining. In addition, cell form, size and structural details are evident. Each kit contains 1 bottle (250 ml) each of: Gram Crystal Violet; Gram Iodine (Stabilised); Gram Decolouriser; Gram Safranin
212539	1 kit	Gram Stain Kit (with stabilised iodine)
		Because inorganic iodine is rapidly oxidised and loses its effectiveness as a mordant, this Gram Stain Kit (Cat. No. 212539) differs from Gram's original formulation by offering a more stable organic iodine complex, L-polyvinylpyrrolidone-iodine. Each kit contains 1 bottle (250 ml) each of: Gram Crystal Violet; Gram Iodine (Stabilised); Gram Decolouriser; Gram Safranin
212525	4 x 250 ml	Gram Crystal Violet
212526	3.8 l	(PRIMARY STAIN). For staining microorganisms by the differential Gram method.
212527	4 x 250 ml	Gram Decolouriser
212528	3.8 l	For staining microorganisms by the differential Gram method.
212529	4 x 250 ml	Gram Iodine (Unstabilised)
212530	3.8 l	(MORDANT) Working solution prepared from Gram Diluent and Gram Iodine 100X. For staining microorganisms by the differential Gram method.
212542	4 x 250 ml	Gram Iodine (Stabilised)
212543	3.8 l	(MORDANT). For staining microorganisms by the differential Gram method.
212531	4 x 250 ml	Gram Safranin
212532	3.8 l	(COUNTERSTAIN) For staining microorganisms by the differential Gram method.
212544	4 x 250 ml	Gram Basic Fuchsin
212545	3.8 l	(COUNTERSTAIN). For staining microorganisms by the differential Gram method.
231401	50 x 50 tests	Gram Quality Control Slide
		BD BBL™ Gram Stain QC Slides. Conventional 1˝ x 3˝ microscope slides imprinted with 10 squares. One square contains control organisms *Staphylococcus aureus* and *Escherichia coli*. Nine squares are available for staining test isolates. Gram Slides, individually wrapped, sufficient for 50 tests.

212536	250 ml	Acridine Orange Stain
212537	4 x 250 ml	For detecting microorganisms in direct smears by fluorescent staining. Particularly useful in the rapid screening of normally sterile specimens, where few organisms may be present and in the rapid examination of blood smears or smears containing proteinaceous material where differentiation of organisms from background material may be more difficult.
220310	5 g	Phenol Red
		For use as an indicator in preparing microbiological culture media.
421570	12.5 ml	Sedi-Stain™ Concentrated Urine Stain
		BD Clay-Adams™ Sedi-Stain™ Concentrated Stain is a stabilised modification of the Sternheimer-Malbin urinary stain. This highly selective formula stains blood cells, casts, and other formed elements in urinary sediment in a distinctive fashion which permits rapid and accurate identification.

TB Stains

PRODUCT CODE	SIZE	DESCRIPTION
212315	1 kit	TB Quick Stain Kit
		Each kit contains 1 bottle (250 ml) each of • TB Quick Stain Carbolfuchsin • TB Quick Stain Methylene Blue
212316	3 x 250 ml	TB Quick Stain - Carbolfuchsin
		Individual component for TB Quick-Stain-Kit (Cat. No. 212315) for a more rapid version of staining mycobacteria by the cold acid-fast procedure.
212317	3 x 250 ml	TB Quick Stain - Methylene Blue
		Individual component for TB Quick-Stain-Kit (Cat. No. 212315) .
212511	4 x 250 ml	TB Carbolfuchsin ZN
		Individual component of the TB Stain Kit ZN (Cat. No. 212520) for staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure.

212520	3 x 250 ml	TB Stain Kit ZN
		For staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure. Each kit contains 1 bottle (250 ml) each of • TB Carbolfuchsin ZN • TB Decolouriser • TB Methylene Blue
212519	3 x 250 ml	TB Fluorescent Stain Kit M
		For staining mycobacteria by auramine O acid-fast fluorescent procedure. Each kit contains 1 bottle (250 ml) each of • TB Auramine M (product code 212514) • TB Decolouriser™ (product code 212512) • TB Potassium Permanganate (product code 212513)
212521	3 x 250 ml	TB Fluorescent Stain Kit T
		For staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure. Each kit contains 1 bottle (250 ml) each of • TB Auramine-Rhodamine T • TB Decolouriser™ • TB Potassium Permanganate
212512	4 x 250 ml	TB Decolourizer™
		Individual component of the TB Fluorescent Stain Kits M and T (Cat. Nos. 212519 and 212521) for staining mycobacteria by the Truant, Brett and Thomas and the Morse, Blair, Weiser and Sproat fluorescent procedures.

212513	4 x 250 ml	TB Potassium Permanganate

Individual component of the TB Fluorescent Stain Kits M and T (Cat. Nos. 212519 and 212521) for staining mycobacteria by the Truant, Brett and Thomas and the Morse, Blair, Weiser and Sproat fluorescent procedures.

212514	4 x 250 ml	TB Auramine M

Individual component of the TB Fluorescent Stain Kit T (Cat. No. 212521) for staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure.

212515	4 x 250 ml	TB Auramine-Rhodamine T

Individual component of the TB Fluorescent Stain Kit T (Cat. No. 212521) for staining mycobacteria by the Truant, Brett and Thomas fluorescent procedure.

BD Diagnostic Reagent & Stain Droppers

PRODUCT CODE	SIZE	DESCRIPTION
261182	50 ampules	Acridine Orange

Acridine Orange Reagent Droppers are used for fluorescent microscopic detection of microorganisms in direct smears.

220110	50 ampules	Brom Cresol Purple

Brom Cresol Purple Reagent Droppers are used for fluorescent microscopic detection of microorganisms in direct smears.

211731	50 ampules	Bromo Thymol Blue

Brom Thymol Blue Reagent Droppers are used for fluorescent microscopic detection of microorganisms in direct smears.

261195	50 ampules	Calcofluor White

Calcofluor White Reagent Droppers are used in the rapid fluorescent microscopic detection of fungi in direct smears. It may be used on fresh, frozen, fixed, paraffin-embedded, and clinical specimens.

261203	50 ampules	Catalase

Catalase Reagent Droppers are used in a qualitative procedure for determining catalase activity by bacteria. Catalase Reagent Droppers contain a hydrogen peroxide solution of approximately 3% (2.5% to 3.5%).

261183	50 ampules	Desoxycholate

Desoxycholate Reagent Droppers are used for the presumptive differentiation of pneumococci from other Gram-positive cocci by the bile solubility test.

261187	50 ampules	DMACA Indole

DMACA Indole Reagent Droppers are for the detection of indole production as an aid in the identification of aerobic, anaerobic, or facultatively anaerobic organisms.

261189	50 ampules	Dobell & O'Connor Iodine

Dobell & O'Connor Iodine Stain Droppers have a variety of uses as a microbiological stain, including staining the trophozoite, cyst, and egg stages of intestinal parasites.

261190	50 ampules	Ferric Chloride

Ferric Chloride Reagent Droppers are intended for use in the differentiation of microorganisms capable of phenylalanine deamination. Contain 0.5 ml of 10% ferric chloride in aqueous solution.

261206	50 ampules	Flagella Reagent Dropper

Flagella Stain Droppers are used for demonstrating bacterial flagella and their arrangement on the cell. The flagella stain is based on the tannic acid-crystal violet formula.

261194	50 ampules	India Ink

India Ink Reagent Droppers are used to enhance the microscopic detection of *Cryptococcus* spp. in wet preparations. India Ink Reagent Droppers may be used to stain pus, exudate, tissue, sputum and sediment of centrifuged urine and cerebral spinal fluid (CSF) specimens.

261185	50 ampules	Indole

Indole Reagent Droppers (modified Kovacs' reagent) are used in determining the ability of bacteria to produce indole by the deamination of tryptophan. Contains 0.5 ml of 5% p-dimethylaminobenzaldehyde dissolved in a solution of 25% hydrochloric acid and 75% isobutyl alcohol.

261188	50 ampules	Lactophenol Cotton Blue

The solution can be used in wet mounts in the examination of yeasts and molds and serves as both a mounting fluid and a stain.

261204	50 ampules	Methylene Blue Loeffler Reagent Dropper

Methylene Blue Loeffler Stain Droppers are used for presumptive identification of *Corynebacterium diphtheriae* and as an adjunct to the Gram stain.

261201	50 ampules	Ninhydrin

Used in the determination of the hippurate reaction to aid in the identification of certain bacteria.

261197	50 ampules	Nitrate Reagent A

For use in determining the ability of bacteria to reduce nitrate to nitrite or free nitrogen gas. The Enterobacteriaceae, many other Gram-negative bacteria, mycobacteria and fungi reduce nitrate to nitrite. The nitrate-reducing characteristic of a species is constant for certain genera and species. The Nitrate A and B Reagents, when added in equal parts, indicate the presence of a catabolic end product or the absence of nitrate in the medium. Nitrate A Reagent Droppers contain 0.5 ml of 0.8% Sulfanilic Acid in 5N Acetic Acid.

261198	50 ampules	Nitrate Reagent B

The Nitrate A and B Reagents, when added in equal parts, indicate the presence of a catabolic end product or the absence of nitrate in the medium. Nitrate B Reagent Droppers contain 0.5 ml of 0.6% N N-Dimethyl-alpha-naphthylamine in 5N Acetic Acid.

261181	50 ampules	Oxidase

Oxidase Reagent Droppers are used in the Kovacs oxidase test as a qualitative reaction in the identification of nonfermenters and miscellaneous Gram-negative bacteria. The oxidase test is based on the production of an enzyme called indophenol oxidase. This enzyme oxidises a redox dye (present in the reagent) which results in a colour change of yellow to dark purple. Contains 0.5 ml of a 1% aqueous solution of N,N,N',N'-tetramethylp-phenylenediamine dihydrochloride which has been formulated with agents to ensure maximum stability.

261191	50 ampules	10% Potassium Hydroxide

10% Potassium Hydroxide Reagent Droppers are intended for use in the examination of direct smears for fungal elements, most commonly with skin, hair, nail and sputum specimens. Contains 0.5 ml of 10% KOH with 1% dimethyl sulfoxide.

261196	50 ampules	PYR

PYR Reagent Droppers are used in the rapid presumptive identification of group A b-haemolytic streptococci and group D enterococci.

264310	25 g	TTC

Triphenyl tetrazolium chloride.

261192	50 ampules	Voges-Proskauer A

For use in the Voges-Proskauer test to distinguish between members of the Enterobacteriaceae. Contains 0.5 ml of 5% wt/vol alphanaphthol in absolute alcohol.

261193	50 ampules	Voges-Proskauer B

Voges-Proskauer Reagent B Droppers contain 0.5 ml of 40% wt/vol potassium hydroxide in distilled water.

BD Manual Identification

BD Crystal™ Test Kits

The Crystal™ Kits are a miniaturised identification method. Many of the tests used are modifications of classical methods. These include tests for fermentation, oxidation, degradation and hydrolysis of various substrates. In addition, there are chromogen linked substrates to detect enzymes that microbes use to metabolise various substrates.
One-step inoculation with no pipetting for dramatically reduced hands-on time and virtually no repetitive movements. Reagents are pre-dispensed in the wells so no reagent additions or oil overlay are needed. All components are included in every test kit. After inoculation, the snap-on lid ensures a closed system for integrity, safety and no spillage. Each panel IDs many organisms so fewer kits are needed.

PRODUCT CODE	SIZE	DESCRIPTION
245000	20 tests/kit	BD Crystal™ - Enteric/Nonfermenter ID Kit

For the identification of aerobic Gram-negative bacteria that belong to the family Enterobacteriaceae as well as some of the more frequently isolated glucose fermenting and non-fermenting Gram-negative bacilli.
The kit contains:
- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245010	20 tests/kit	BD Crystal™ - Anaerobe ID Kit

Intended for the identification of clinically significant anaerobic bacteria in 4 hours. Separate databases for Schaedler Blood Agar, CDC Anaerobe Blood Agar and Alternate Blood Agars are included for improved specificity.
The kit contains:
- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245130	20 tests/kit	BD Crystal™ - *Neisseria*/Haemophilus ID Kit

Intended for the identification of frequently isolated *Neisseria* and *Haemophilus* species as well as several other fastidious bacteria. The kit identifies 35 organisms from multiple media.
The kit contains:
- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245140	20 tests/kit	BD Crystal™ - Gram-Positive ID Kit

Intended for the identification of frequently isolated aerobic Gram-positive bacteria.
The kit contains:
- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

245150	20 tests/kit	BD Crystal™ - Rapid Gram-Positive ID Kit

For the identification of frequently isolated aerobic Gram-positive bacteria. The kit identifies 88 Gram-positive organisms from multiple media.
The kit congains:
- 20 panel lids
- 20 panel bases
- 20 inoculum tubes
- 2 incubation trays
- 1 result pad

BD Crystal™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
245015	1	BD CrystalSpec™ - Standards

One set contains a BD CrystalSpec™ calibration blank (0 McFarland) and a BD CrystalSpec™ calibration standard (2.0 McFarland). Used for the proper calibration of a BD CrystalSpec™ Nephelometer.

297298	1	BD Crystal™ - McFarland Turbidity Standard No. 0.5

The McFarland 0.5 standard is used for the preparation of inocula in standardised agar dilution, broth macro- and microdilution, disc diffusion and anaerobic organism susceptibility test procedures.

245016	1	BD Crystal™ - Colour Reaction Charts

Used for the manual interpretation of the colour reactions of the various BD Crystal™ identification kits.

245032	1	BD Crystal™ - Panel Viewer

The BD Crystal™ Panel Viewer can be used for the manual interpretation of all BD Crystal™ kits. With integrated UV lamp for the evaluation of chromogenic and fluorogenic reactions.

245034	1	BD Crystal™ - Panel Viewer Longwave UV Tube
245036	1	BD Crystal™ - Panel Viewer White Light Tube
441010	1	BD Crystal™ - MIND Software

The BD Crystal™ MIND (Microbiology Interactive Database) software is designed to identify clinically relevant bacteria. BD Crystal™ MIND provides identification of the unknown organism run in a panel by mathematically interpreting the BD Crystal™ profile number and off-line test results and evaluating the results against the organisms contained in the appropriate Crystal™ MIND database.

245038	10 tubes	BD Crystal™ - Inoculum Fluid

Additional ID inoculum broth tubes for use with:
- BD Crystal™ ANR (Cat. No. 245010)
- Gram-Positive (Cat. No. 245240)
- Rapid Gram-Positive (Cat. No. 245250) &
- *Neisseria*/Haemophilus ID kits (Cat. No. 245130)

245029	10 tubes	BD Crystal™ - Enteric/Stool ID Inoculum Fluid

Additional ID inoculum broth tubes for use with BD Crystal™ E/NF (Cat. No. 245000).

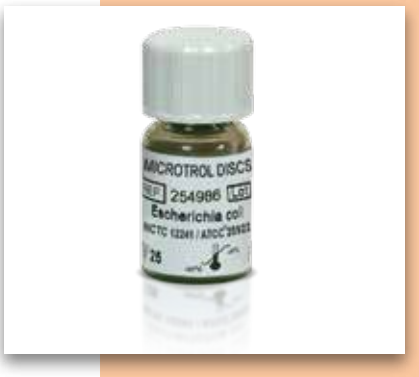
245302	1	BD Crystal™ - Reference Panel for Autoreader

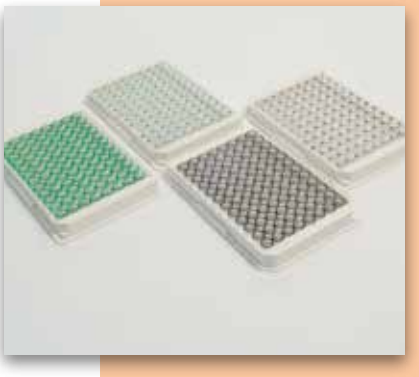
For calibration of the BD Crystal™ Autoreader.

BD Microtrol™ Quality Control Organisms

BD Microtrol™ Strains

Microtrol discs are intended for use in microbiological laboratories for the control of test methods. Being 1st generation derivatives traceable to vials of recognised national type culture strains, Microtrol discs are acceptable in accredited laboratories for the production of working stock cultures.





PRODUCT CODE	SIZE	DESCRIPTION
254632	10 discs	BD Microtrol™ - *Aeromonas. hydrophila* NCTC 8049 / ATCC® 7966
254652	10 discs	BD Microtrol™ - *Aspergillus niger* NCPF 2275 / ATCC® 16404
254648	25 discs	BD Microtrol™ - *Bacillus cereus* NCTC 7464 / ATCC® 10876
254612	25 discs	BD Microtrol™ - *Bacillus subtilis* NCTC 10400 / ATCC® 6633
254627 †	10 discs	BD Microtrol™ - *Bacteroides fragilis* NCTC 9343/ATCC® 25285
254645 †	10 discs	BD Microtrol™ - *Campylobacter jejuni* NCTC 11322 / ATCC® 29428
254611	25 discs	BD Microtrol™ - *Candida albicans* NCPF 3255 / ATCC® 2091
254625	25 discs	BD Microtrol™ - *Candida albicans* NCPF 3179 / ATCC® 10231
257461	10 discs	BD Microtrol™ - *Citrobacter freundii* NCTC 9750/ ATCC® 8090
254628 †	10 discs	BD Microtrol™ - *Clostridium perfringens* NCTC 8237/ATCC® 13124
254614 †	25 discs	BD Microtrol™ - *Clostridium sporogenes* NCTC 532 / ATCC®19404
254609	25 discs	BD Microtrol™ - *Enterobacter aerogenes* NCTC 10006 / ATCC ®13048
257464	10 discs	BD Microtrol™ - *E. cloacae* NCTC 13380 / ATCC® 23355
254999	25 discs	BD Microtrol™ - *E. faecalis* NCTC 775 / ATCC® 19433
254602	25 discs	BD Microtrol™ - *E. faecalis* NCTC 12697 / ATCC® 29212
257388	10 discs	BD Microtrol™ - *E. faecalis* NCTC 13379 / ATCC® 51299
257462	10 discs	BD Microtrol™ - *E. hirae* NCTC 13383 / ATCC® 10541
254986	25 discs	BD Microtrol™ - *Escherichia coli* NCTC 12241 / ATCC® 25922
254607	25 discs	BD Microtrol™ - *Escherichia coli* NCTC 11954 / ATCC® 35218
254616	25 discs	BD Microtrol™ - *Escherichia coli* NCTC 10418 / ATCC® 10536
254621	25 discs	BD Microtrol™ - *Escherichia coli* NCTC 12923 / ATCC® 8739
257441 †	10 discs	BD Microtrol™ - *H. influenzae* NCTC 12699 / ATCC® 49247
257537	10 discs	BD Microtrol™ - *H. influenzae* NCTC 12699 / ATCC® 9934
257463	10 discs	BD Microtrol™ - *Klebsiella aerogenes* NCTC 9528
254988	25 discs	BD Microtrol™ - *K. pneumoniae* NCTC 9633 / ATCC® 13883
254656	10 discs	BD Microtrol™ - *K. pneumoniae* NCTC 13368 / ATCC® 700603
254631	25 discs	BD Microtrol™ - *L. monocytogenes* NCTC 7973/ ATCC® 35152
257419	10 discs	BD Microtrol™ - *Listeria monocytogenes* NCTC 11994
257420	10 discs	BD Microtrol™ - *N. gonorrhoeae* NCTC 8375 / ATCC® 19424
257551	10 discs	BD Microtrol™ - *N. gonorrhoeae* NCTC 8375 / ATCC® 12770
257440	10 discs	BD Microtrol™ - *Proteus mirabilis* NCTC 13376 / ATCC®14153
254992	25 discs	BD Microtrol™ - *P. aeruginosa* NCTC 12903 / ATCC® 27853
254623	25 discs	BD Microtrol™ - *P. aeruginosa* NCTC 12924 / ATCC® 9027
257443	10 discs	BD Microtrol™ - *P. aeruginosa* NCTC 13359 / ATCC® 15442
254991	25 discs	BD Microtrol™ - *Proteus vulgaris* NCTC 4175 / ATCC® 13315
257431	10 discs	BD Microtrol™ - *Salmonella* Nottingham NCTC 7832

254991	25 slides	BD Microtrol™ - *Proteus vulgaris* NCTC 4175 / ATCC® 13315
257431	10 slides	BD Microtrol™ - *Salmonella* Nottingham NCTC 4840
254651	25 discs	BD Microtrol™ - *Salmonella* Poona NCTC 4840
254993	25 discs	BD Microtrol™ - *S.* Typhimurium NCTC 12023 / ATCC® 14028
257442	10 discs	BD Microtrol™ - *S. mercescens* NCTC 13382 / ATCC® 8100
254995	25 discs	BD Microtrol™ - *S. aureus* NCTC 12981 / ATCC® 25923
254996	25 discs	BD Microtrol™ - *S. aureus* NCTC 12973 / ATCC® 29213
254613	25 discs	BD Microtrol™ - *S. aureus* NCTC 7447 / ATCC® 6538P
254629	25 discs	BD Microtrol™ - *S. aureus* NCTC 10788 / ATCC® 6538
254647	10 discs	BD Microtrol™ - *S. aureus* NCTC 6571 / ATCC® 9144
254658	10 discs	BD Microtrol™ - *S. aureus* NCTC 13373 / ATCC® 43300
257552	10 discs	BD Microtrol™ - *S. aureus* NCTC 12493 (MRSA)
254997	25 discs	BD Microtrol™ - *S. epidermidis* NCTC 13360 / ATCC® 12228
257444	10 discs	BD Microtrol™ - *S. agalactiae* NCTC 8181 / ATCC® 13813
254603	25 discs	BD Microtrol™ - *S. pneumoniae* NCTC 12695 / ATCC® 6303
254657	10 discs	BD Microtrol™ - *S. pneumoniae* NCTC 12977 / ATCC® 49619
254604	25 discs	BD Microtrol™ - *S. pyogenes* NCTC 12696 / ATCC® 19615
254643	25 discs	BD Microtrol™ - *Y. enterocolitica* NCTC 12982 / ATCC® 9610

**NCTC and NATIONAL COLLECTION OF TYPE CULTURES are trade marks of the Health Protection Agency. ATCC® strains are listed as a reference only. ATCC® is a registered trademark of the American Type Culture Collection.*
† Note that these strains must be stored at -30 C to -15 C.

BD DrySlide™

PRODUCT CODE	SIZE	DESCRIPTION
231746	75 slides	BD DrySlide™ - Oxidase
		Used for determining the oxidase reaction of bacteria; 25 x 3 slides. Oxidase-positive organisms produce a purple or dark colour within 20 seconds.
231747	15 slides	BD DrySlide™ - PYR Kit
		BD DrySlide™ PYR is a disposable slide format for the presumptive identification of group A streptococci and enterococci. 60 tests consisting of: • 15 BD DrySlide™ PYR Slides • 15 x 0.5 ml BD DrySlide™ PYR Colour Developer
231748	75 slides	BD DrySlide™ - Indole
		BD DrySlide™ Indole is used for determining the indole reaction of bacteria. The indole test is a qualitative procedure for determining the ability of bacteria to produce indole by reductive deamination of tryptophan.
231749	25 slides	BD DrySlide™ - Nitrocefin
		Used for detecting ß-lactamase production by bacteria. BD DrySlide™ Nitrocefin employs nitrocefin, a cephalosporin compound first described by Glaxo Research (Middlesex, England), in the chromogenic cephalosporin test methodology.

BD Enterotube™ Testing Systems

PRODUCT CODE	SIZE	DESCRIPTION
212116	25 tubes	BD Oxi/Ferm™ Tube II
		Prepared multi-media tube for the rapid differential identification of Gram-negative oxidative fermentative bacteria.

BD Taxo™ Manual Differentiation

BD Taxo™ Blank Paper Discs

PRODUCT CODE	SIZE	DESCRIPTION
231039	6 x 50 discs	BD Taxo™ - Blank Discs (Diameter ¼")
231122	6 x 50 discs	BD Taxo™ - Blank Discs (Diameter 1/2")

BD Taxo™ Differentiation Discs & Strips

PRODUCT CODE	SIZE	DESCRIPTION
231040	50 discs	BD Taxo™ - A Discs
231041	6 x 50 discs	BD Taxo™ A discs are for the presumptive identification of group A beta-haemolytic streptococci based on susceptibility to a low level of bacitracin. Discs are intended for use with pure cultures.
231552	10 x 50 discs	
231725	50 discs	BD ALA Discs
231651	50 discs	BD Anaerobic Differentiation Set
231650	50 discs	BD Cefinase™ Paper Disc (¼")
		Paper Discs for the Detection of Beta-Lactamase Enzymes. Impregnated with nitrocefin. Used in rapid testing of isolated colonies of *Neisseria gonorrhoeae*, *Staphylococcus* spp., *Haemophilus influenzae* and anaerobic bacteria for the production of beta-lactamase.
231723	50 discs	BD Taxo™ - Hippurate Discs
231724	10 x 50 discs	BD Taxo™ Differentiation Discs (¼") Hippurate are used for detecting the hydrolysis of sodium hippurate by beta-haemolytic group B streptococci, as well as by other organisms. The paper discs contain sufficient sodium hippurate to yield a positive reaction with organisms producing sufficient hippuricase to hydrolyse the substrate.
231562	50 discs	BD Kanamycin Discs 1.0 mg
231045	6 x 50 discs	BD Taxo™ - N Discs
		BD Taxo™ N discs are used in qualitative procedures to distinguish those organisms which produce oxidase. By this reaction, these discs may be used for the presumptive differentiation of the genus *Neisseria* from other Gram-negative cocci and members of the genus *Pseudomonas* from enteric bacilli.
231734	50 discs	BD Nitrate Discs

231750	50 discs	BD Taxo™ - Novobiocin Discs
		BD Taxo™ Differentiation Discs Novobiocin are recommended for the differentiation of coagulase negative staphylococci (e.g., *Staphylococcus saprophyticus*) based on novobiocin resistance.
231248	50 discs	BD Taxo™ - ONPG Discs
		Used for the detection of lactose fermenters, especially those that do not promptly ferment lactose in some routine identification media such as Triple Sugar Iron Agar (TSI Agar) or Kligler Iron Agar.
231046	50 discs	BD Taxo™ - P Discs
231047	6 x 50 discs	BD Taxo™ P Discs are impregnated with ethylhydrocupreine hydrochloride (optochin), a drug used for pneumonia therapy before sulfonamides became available. The growth of pneumococci, but not of other streptococci, is markedly inhibited by this chemical. Pneumococci may, therefore, be differentiated from other alpha-haemolytic streptococci by the formation of a zone of inhibition around a BD Taxo™ P disc placed on a blood agar plate heavily inoculated with a pure culture suspected to be *Streptococcus pneumoniae*. 231046 Taxo™ P Discs, Single vial of 50 discs. 231047 Taxo™ P Discs, Pkg. of 6 vials. 231048 Taxo™ P Discs, Single cartridge of 50 discs. 231554 Taxo™ P Discs, Pkg. of 10 cartridges.
231048	50 discs	
231554	10 x 50 discs	
231726	50 discs	BD Taxo™ - SPS Discs
		BD Taxo™ Differentiation Discs SPS (sodium polyanethol sulfonate) are used for presumptively identifying *Peptostreptococcus anaerobius* and *Gardnerella vaginalis*. These are paper discs that contain sodium polyanethol sulfonate.
231727	1 x 50 discs	BD Taxo™ - V Factor Discs
		For differentiating *Haemophilus* species. Round, white ¼" paper discs with "V" printed on both sides.
231731	10 x 50 discs	BD Taxo™ - VX Factor Discs
		For differentiating *Haemophilus* species. Round, white ¼" paper discs with "V" printed on both sides.
231729	1 x 50 discs	BD Taxo™ - X Factor Discs
		For differentiating *Haemophilus* species. Round, brown ¼" paper discs with "X" printed on both sides.
231109	6 x 50 strips	BD Taxo™ - V Factor Strips
		For differentiating *Haemophilus* species.
231108	1 x 50 strips	BD Taxo™ - V Factor Strips
		For differentiating *Haemophilus* species.

BD Taxo™ Carbohydrate Discs

PRODUCT CODE	SIZE	DESCRIPTION
231057	30 discs	BD Taxo™ - Adonitol Discs
231059	30 discs	BD Taxo™ - Arabinose Discs
231061	30 discs	BD Taxo™ - Dextrose Discs
231063	30 discs	BD Taxo™ - Dulcitol Discs
231067	30 discs	BD Taxo™ - Inositol Discs
231071	30 discs	BD Taxo™ - Lactose Discs
231075	30 discs	BD Taxo™ - Maltose Discs

231077	30 discs	BD Taxo™ - Mannitol Discs
231089	30 discs	BD Taxo™ - Raffinose Discs
231091	30 discs	BD Taxo™ - Rhamnose Discs
231096	30 discs	BD Taxo™ - Sorbitol Discs
231098	30 discs	BD Taxo™ - Sucrose Discs
231100	30 discs	BD Taxo™ - TrehaloseDiscs

BD Phoenix™ Automated Identification & Susceptibility Testing

BD Phoenix™ Instrument & Accessories

PRODUCT CODE	SIZE	DESCRIPTION
448100	1	BD Phoenix™ 100 - Instrument
		The BD Phoenix™ Automated Microbiology System is designed for the rapid Identification (ID) and Antimicrobial Susceptibility Testing (AST) of clinically significant human bacterial pathogens. Identification is based on colourimetric and fluorescence readings without the need for supplemental tests or reagent addition. The AST is based on a dual indicator system (redox and turbidity readings) for optimal performance.
440910	1	BD PhoenixSpec™ - Nephelometer
		A battery-powered, portable device designed for measuring inoculum density in McFarland units. Used with BD PhoenixSpec™ -Calibration Standards, Cat. No. 440911.
448099	1	BD Phoenix™ 100 - Table
440911	1	BD PhoenixSpec™ - Calibration Standards
		Contains 0.1 & 4.5 McFarland standards for the proper calibration of a BD PhoenixSpec Nephelometer, plus 0.25 & 0.5 McFarland standards to assure proper operation on a daily basis.
448020	2	BD Phoenix™ - Panel Caddy
		The BD Phoenix™ Panel Caddy is a moulded plastic tray used to transport filled and sealed panels from the preparation bench to the BD Phoenix™ instrument. Each caddy can carry up to 20 panels.
448025	1	BD Phoenix™ - 25 µl Hamilton-Pipette
		The BD Phoenix™ 25 µl Hamilton-Pipette is used for the transfer of bacterial suspensions from the inoculated ID Broth tubes to the AST broth tubes.
448984	1	BD Phoenix™ Temperature Panel
448028	1	BD Phoenix Pipette Stand
448030	5	BD Phoenix™ - Inoculation Station
		The BD Phoenix™ Inoculation Station is designed to hold six tubes of broth (3 ID, 3 AST) and three panels at an angle of 24° in order to provide the proper gravity-driven inoculum flow of broth through panels during panel inoculation.

440910	1	BD PhoenixSpec™ - Nephelometer
		A battery-powered, portable device designed for measuring inoculum density in McFarland units. The device is accurate from 0.5-4 McFarland units in increments of 0.1 units. The instrument can be used for any laboratory procedure that requires inoculum density adjustments within this range. Includes a calibration blank (0 McFarland), calibration standard (2.0 McFarland), low volume sample adaptor and a battery. Used with BD PhoenixSpec - Calibration Standards, Cat. No. 440911.
448037	1632	BD Phoenix™ - Pipette Tips
		Extra long, aerosol-resistant pipette tips for use with the BD Phoenix™ 25 µl Hamilton-Pipette (Cat. No. 448025). Packaged as 204 tips per rack; 8 racks per shelf pack (in total 1632 pipette tips). Cat.No. 448037 replaces former Cat.No. 448026.
448040	1	BD Phoenix™ - Starter Kit
		The BD Phoenix™ Starter Kit includes: • 5 inoculation stations • 2 panel caddies • 1 fixed volume pipette • 960 pipette tips • 1 temperature panel • 4 spare air filters • 1 external bar code scanner • 3 power cords and • 1 quick reference guide
448031	200	BD Phoenix™ - Panel Closure
		200 panel closures, used for sealing of BD Phoenix™ panels after inoculation.
246001	100 x 4.5 ml	BD Phoenix™ - ID Broth
246005	100 x 2.2 ml	The BD Phoenix™ ID broth is a modified saline solution that, after addition of bacteria, is used for identification of microorganisms by the BD Phoenix™ system.
246003	100 x 8 ml	BD Phoenix™ - AST Broth
246007	100 x 8 ml	BD Phoenix™ - AST-S Broth
246004	10 x 6 ml	BD Phoenix™ - AST Indicator
246009	10 x 6 ml	BD Phoenix™ - AST-S Indicator
246006	10 x 6 ml	BD Phoenix™ AP - AST Indicator
441503	12	BD Phoenix™ - AP Labels (medium)
441404	12	BD Phoenix™ - Labels (large)

BD Phoenix™ AP

PRODUCT CODE	SIZE	DESCRIPTION
448010	25	BD Phoenix™ AP (AutoPrep Station)
		This is a companion to the BD Phoenix system that assists laboratories with workfl ow effi ciency and standardized isolate inoculum. It is the firstinstrument to incorporate automated nephelometry for inoculum preparation– one of the most time-consuming steps associated with isolate preparation.
448017	25	BD Phoenix™ AP Inoculation Station
448014	25	BD Phoenix™ AP Waste Liquid Bottle
448013	25	BD Phoenix™ AP (AutoPrep Station)
448015	25	BD Phoenix™ AP Dispense Tubing Set

448019	25	BD Phoenix™ AP Rack
448038	960	BD Phoenix™ AP Pipette Tips
		Extra long, aerosol-resistant pipette tips for use with the BD Phoenix™ AP.
448012	5 x 800 ml	BD Phoenix™ AP ID Solution

BD Phoenix™ ID & AST Panels

PRODUCT CODE	SIZE	DESCRIPTION
Enquire	25	BD Phoenix™ Panels
		Various ID and AST panels, including EUCAST compliant panels are available for the BD Phoenix™. For further information about the range of configurations available to suit you, please contact us.

Manual Susceptibility Testing

McFarland Turbidity Standards

PRODUCT CODE	SIZE	DESCRIPTION
297298	10 tubes	McFarland Turbidity Standard No. 0.5
		McFarland standards are used as turbidity standards in the preparation of suspensions of microorganisms. The McFarland 0.5 standard has particular application in the preparation of bacterial inocula for performing antimicrobial susceptibility testing. The performance of susceptibility testing requires the use of standard inocula. The McFarland 0.5 standard is used for the preparation of inocula in standardised agar dilution, broth macro- and microdilution, disc diffusion and anaerobic organism susceptibility test procedures. Contains 10 Size K Tubes.

BD Sensi-Disc™ Dispensers

PRODUCT CODE	SIZE	DESCRIPTION
260457	1	BD Sensi-Disc™ Dispenser, single place
		The BD Sensi-Disc™ Single Disc Dispenser is recommended for the individual application of cartridged BD BBL™ brand antimicrobial susceptibility test and biochemical differentiation discs onto the surface of inoculated plated media. The Single Disc Dispenser replaces the manual placement of discs using sterile forceps.
260661	1	BD Sensi-Disc™ Dispenser, 6-place
		These BD Sensi-Disc™ self-tamping dispensers accommodate 6 cartridges of BD Sensi-Disc™ susceptibility test discs or BD Taxo™ anaerobe differentiation discs. They are used to deliver discs onto 90 mm and 100 mm-style Petri dishes. Complete with storage canister and reusable indicator desiccant container.
260660	1	BD Sensi-Disc™ Dispenser, 8-place
		These BD Sensi-Disc™ self-tamping dispensers accommodate 8 cartridges of BD Sensi-Disc™ susceptibility test discs or BD Taxo™ anaerobe differentiation discs. They are used to deliver discs onto 90 mm and 100 mm-style Petri dishes. Complete with storage canister and reusable indicator desiccant container.
260640	1	BD Sensi-Disc™ Dispenser, 12 place
		The BD Sensi-Disc™ Designer Dispenser accommodates up to twelve cartridges of BD Sensi-Disc™ susceptibility test discs. It is used to deliver discs onto 150 mm-style Petri dishes when performing disc susceptibility testing, especially by the standardised method.

BD Sensi-Disc™ Susceptibility Test Discs

Sensi-Disc™ brand discs are 6-mm discs prepared by impregnating high quality absorbent paper with accurately determined amounts of antibiotic or other chemotherapeutic agents. Discs are clearly marked on both sides with letters and numbers designating the agent and the drug content. The discs are furnished in cartridges containing 50 discs each. The last disc in each cartridge is marked "X" and contains the drug as coded. Cartridges are for use in the BD BBL™ Sensi-Disc™ Dispensers detailed on the previous page. Discs are available in a single cartridge of 50 discs, or in blister packs of 10 cartridges.

PRODUCT CODE	SIZE	DESCRIPTION
231639	10 x 50 discs	Amdinocillin, 10 µg (AMD-10)
254744	50 discs	Amikacin, 10 µg (AN-10)
254703	50 discs	Amikacin, 30 µg (AN-30)
231597	10 x 50 discs	Amikacin, 30 µg (AN-30)
291370	10 x 50 discs	Amoxicillin, 10 µg (AMX-10)
231629	10 x 50 discs	Amoxicillin, 20 µg + Clavulanic Acid, 10 µg (AmC-30)
254718	50 discs	Amoxicillin, 20 µg + Clavulanic Acid, 10 µg (AmC-30)
291270	10 x 50 discs	Amoxicillin, 2 µg + Clavulanic Acid, 1 µg (AmC-3)
295306	10 x 50 discs	Amoxicillin, 25 µg (AMX-25)
254741	50 discs	Amoxicillin, 25 µg (AMX-25)
254727	50 discs	Ampicillin, 10 µg (AM-10)
231264	10 x 50 discs	Ampicillin, 10 µg (AM-10)
231660	10 x 50 discs	Ampicillin, 10 µg + Sulbactam, 10 µg (SAM-20)
231263	10 x 50 discs	Ampicillin, 2 µg (AM-2)
254739	50 discs	Ampicillin, 25 µg (AM-25)
231682	10 x 50 discs	Azithromycin, 15 µg (AZM-15)
254749	50 discs	Azlocillin, 30 µg (AZ-30)
231625	10 x 50 discs	Azlocillin, 75 µg (AZ-75)
231641	10 x 50 discs	Aztreonam, 30 µg (ATM-30)
231268	10 x 50 discs	Bacitracin, 10 units (B-10)
231267	10 x 50 discs	Bacitracin, 2 units (B-2)
254750	50 discs	Bacitracin, 20 µg (B-20)
254862	10 discs	Blank Discs, Nonsterile
231555	10 x 50 discs	Carbenicillin, 100 µg (CB-100)
254755	50 discs	Cefaclor, 30 µg (CEC-30)
231653	10 x 50 discs	Cefaclor, 30 µg (CEC-30)
254734	50 discs	Cefazolin 30 µg (CZ-30)
254758	50 discs	Cefadroxyl, 30 µg (CFR-30)
231595	10 x 50 discs	Cefamandole, 30 µg (MA-30)
231594	50 discs	Cefamandole, 30 µg (MA-30)
231593	10 x 50 discs	Cefazolin, 30 µg (CZ-30)
231696	10 x 50 discs	Cefepime, 30 µg (FEP-30)
254893	50 discs	Cefepime, 30 µg (FEP-30)
231664	10 x 50 discs	Cefixime, 5 µg (CFM-5)
231643	10 x 50 discs	Cefonicid, 30 µg (CID-30)
254715	50 discs	Cefoperazone, 30 µg (CFP-30)
231613	10 x 50 discs	Cefoperazone, 75 µg (CFP-75)

254713	50 discs	Cefotaxime, 30 µg (CTX-30)
231607	10 x 50 discs	Cefotaxime, 30 µg (CTX-30)
231752	10 x 50 discs	Cefotaxime, 30 µg + Clavulanic Acid, 10 µg (CTX30-CLA30)
231751	50 discs	Cefotaxime, 30 µg + Clavulanic Acid, 10 µg (CTX30-CLA30)
291308	10 x 50 discs	Cefotaxime, 5 µg (CTX-5)
231656	10 x 50 discs	Cefotetan, 30 µg (CTT-30)
254762	50 discs	Cefotiam, 30 µg (CFT-30)
254711	50 discs	Cefoxitin, 30 µg (FOX-30)
231591	10 x 50 discs	Cefoxitin, 30 µg (FOX-30)
232207	50 discs	Cefoxitin, 10 µg (FOX-10)
231674	10 x 50 discs	Cefpodoxime, 10 µg (CPD-10)
231684	10 x 50 discs	Cefprozil, 30 µg (CPF-30)
254760	50 discs	Cefsulodin, 30 µg (CFS-30)
231754	10 x 50 discs	Ceftazidime, 30 µg + Clavulanic Acid, 10 µg (CAZ-CLA)
231753	50 discs	Ceftazidime, 30 µg + Clavulanic Acid, 10 µg (CAZ-CLA)
232227	50 discs	Ceftazidime, 10 µg, (CAZ-30)
254878	50 discs	Ceftazidime, 30 µg, (CAZ-30)
231633	10 x 50 discs	Ceftazidime, 30 µg, (CAZ-30)
231623	10 x 50 discs	Ceftizoxime, 30 µg, (CAZ-30)
291255	50 discs	Ceftiofur, 30 µg (XNL-30)
254722	50 discs	Ceftriaxone, 30 µg (CRO-30)
231635	10 x 50 discs	Ceftriaxone, 30 µg (CRO-30)
254775	50 discs	Cefuroxime, 30 µg (CXM-30)
231621	10 x 50 discs	Cefuroxime, 30 µg (CXM-30)
291314	10 x 50 discs	Cefuroxime, 5 µg (CXM-5)
295308	10 x 50 discs	Cephalexin, 30 µg (CN-30)
254732	50 discs	Cephalexin, 30 µg (CN-30)
254704	50 discs	Cephalothin, 30 µg (CF-30)
231271	10 x 50 discs	Cephalothin, 30 µg (CF-30)
296986	10 x 50 discs	Cephradine, 30 µg (CH-30)
291272	10 x 50 discs	Chloramphenicol, 10 µg (C-10)
254725	50 discs	Chloramphenicol, 30 µg (C-30)
231274	10 x 50 discs	Chloramphenicol, 30 µg (C-30)
231599	10 x 50 discs	Cinoxacin 100 µg (CIN-100)
291273	10 x 50 discs	Ciprofloxacin, 1 µg (CIP-1)
254724	50 discs	Ciprofloxacin, 5 µg (CIP-5)
231658	10 x 50 discs	Ciprofloxacin, 5 µg (CIP-5)
231678	10 x 50 discs	Clarithromycin, 15 µg (CLR-15)
232108	50 discs	Clarithromycin, 2 µg (CLR-2)
254733	50 discs	Clindamycin, 10 µg (CC-10)
254752	50 discs	Clindamycin, 2 µg (CC-2)
231275	10 x 50 discs	Clindamycin, 2 µg (CC-2)
231276	10 x 50 discs	Cloxacillin, 1 µg (CX-1)
254766	50 discs	Colistin, 10 µg (CL-10)

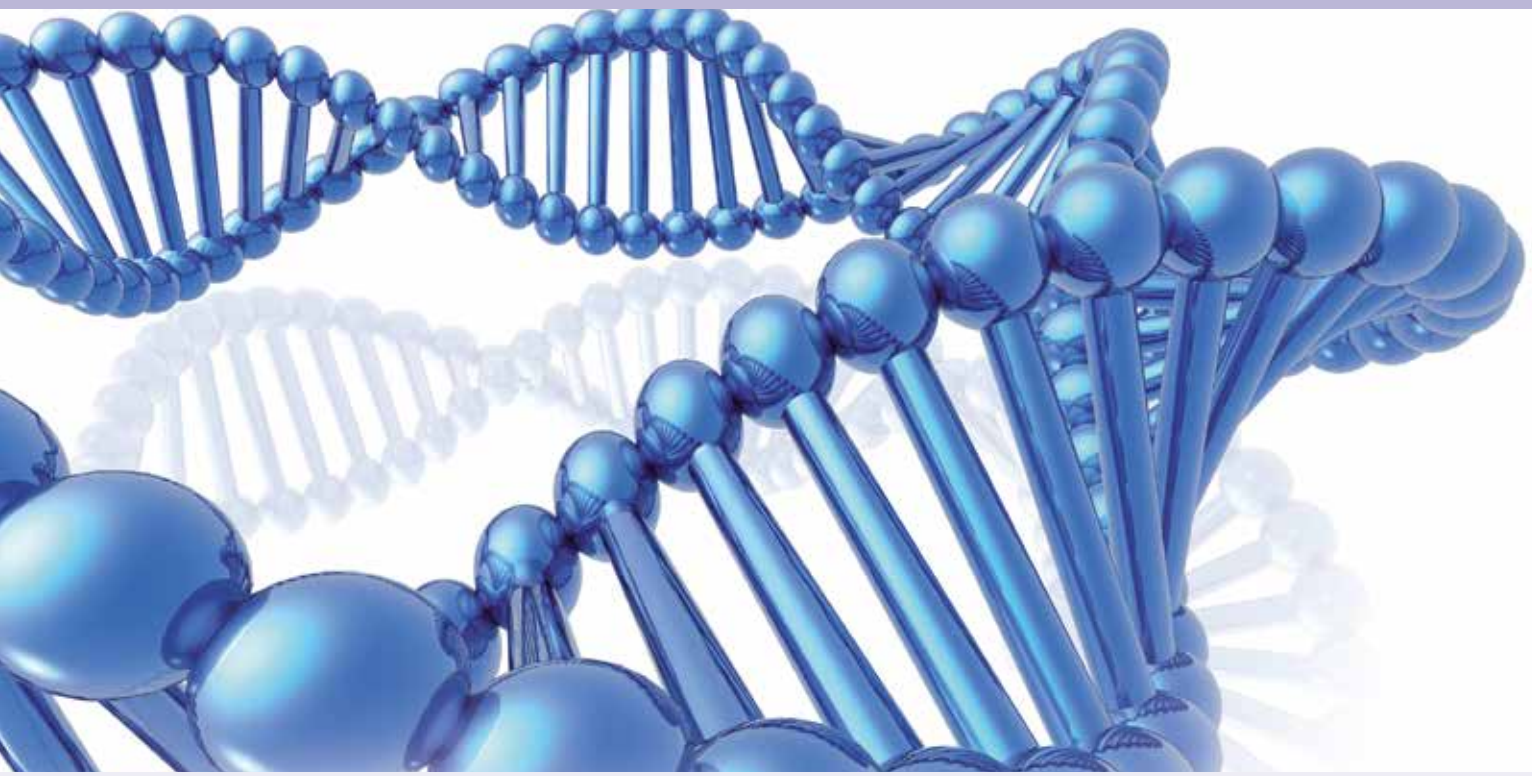
231278	10 x 50 discs	Colistin, 10 µg (CL-10)
291309	10 x 50 discs	Colistin, 25 µg (CL-25)
232116	50 discs	Dalfopristin/Quinupristin (Synercid), 15 µg (SYN-15)
232219	10 x 50 discs	Doripenem, 10 µg (DOR-10)
231286	10 x 50 discs	Doxycycline, 30 µg (D-30)
254780	50 discs	Doxycycline, 30 µg (D-30)
231662	10 x 50 discs	Enoxacin 10 µg (D-10)
231717	50 discs	Enrofloxacin 5 µg (ENO-5)
232174	50 discs	Ertapenem, 10 µg (ETP-10)
232175	10 x 50 discs	Ertapenem, ETP-10, 10 mcg (10/sp)
231289	10 x 50 discs	Erythromycin, 2 µg (E-2)
291274	10 x 50 discs	Erythromycin, 10 µg (E-10)
231290	10 x 50 discs	Erythromycin, 15 µg (E-15)
254731	50 discs	Erythromycin, 15 µg (E-15)
291298	10 x 50 discs	Erythromycin, 5 µg (E-5)
231575	50 discs	Ethambutol/Myambutol, 25 µg (EM-25)
231576	50 discs	Ethambutol/Myambutol, 50 µg (EM-50)
231577	50 discs	Ethionamide/Trecator, 25 µg (EM-25)
232201	50 discs	Fluconazole, 25 µg (FCA-25)
231709	50 discs	Fosfomycin, 200 µg (FOS-200)
296589	50 discs	Fosfomycin, 50 µg (FF-50)
254788	50 discs	Fosfomycin with Glucose, 50 µg (FF-50/GL-50)
230809	50 discs	Furazolidone, 100 µg (FX-100)
291277	10 x 50 discs	Fusidic Acid, 10 µg (FA-10)
254785	50 discs	Fusidic Acid, 10 µg (FA-10)
254726	50 discs	Gentamicin, 10 µg (GM-10)
231299	10 x 50 discs	Gentamicin, 10 µg (GM-10)
232228	50 discs	Gentamicin, 30 µg (GM-30)
231693	50 discs	Gentamicin, 120 µg (GM-120)
231645	10 x 50 discs	Imipenem, 10 µg (IPM-10)
254797	50 discs	Imipenem, 10 µg (IPM-10)
231571	50 discs	Isoniazid / Isonicotinyl Hydrazine, 1µg (INH-1)
231572	10 x 50 discs	Isoniazid / Isonicotinyl Hydrazine, 1µg (INH-1)
254799	0 discs	Kanamycin, 30 µg (K-30)
231301	10 x 50 discs	Kanamycin, 30 µg (K-30)
231705	50 discs	Levofloxacin, 5 µg (LVL-5)
231706	10 x 50 discs	Levofloxacin, 5 µg (LVL-5)
231302	10 x 50 discs	Lincomycin, 2 µg (L-2)
254707	50 discs	Lincomycin, 15 µg (L-15)
232184	50 discs	Linezolid, 10 µg (LZD-10)
231762	10 x 50 discs	Linezolid, 30 µg (LZD-30)
231761	50 discs	Linezolid, 30 µg (LZD-30)
231686	10 x 50 discs	Lomefloxacin, 10 µg (LOM-10)
232149	10 x 50 discs	Mecillinam, 10 µg (MEC-10)

231704	10 x 50 discs	Meropenem, 10 µg (MEM-10)
254882	50 discs	Meropenem, 10 µg (MEM-10)
291279	10 x 50 discs	Metronidazole, 5 µg (MET-5)
254802	50 discs	Metronidazole, 80 µg (MET-80)
231605	10 x 50 discs	Metronidazole, 80 µg (MET-80)
254807	50 discs	Mezlocillin, 30 µg (MZ-30))
232012	10 x 50 discs	Mezlocillin, 30 µg (MZ-30))
231615	10 x 50 discs	Mezlocillin, 75 µg (MZ-75))
231251	10 x 50 discs	Minocycline, 30 µg (MI-30)
231611	10 x 50 discs	Moxalactam, 30 µg (MOX-30)
231758	10 x 50 discs	Moxifloxacin, 5 µg (MXF-5)
231757	50 discs	Moxifloxacin, 5 µg (MXF-5)
232097	50 discs	Mupirocin, 200 µg (MUP-200)
291280	10 x 50 discs	Mupirocin, 5 µg (MUP-5)
231309	10 x 50 discs	Nafcillin, 1 µg (NF-1)
231311	10 x 50 discs	Nalidixic Acid, 30 µg (NA-30)
254730	50 discs	Nalidixic Acid, 30 µg (NA-30)
254808	50 discs	Neomycin, 30 µg (N-30)
231313	10 x 50 discs	Neomycin, 30 µg (N-30)
231312	10 x 50 discs	Neomycin, 5 µg (N-5)
291281	10 x 50 discs	Netilmicin, 10 µg (NET-10)
254710	50 discs	Netilmicin, 30 µg (NET-30)
231603	10 x 50 discs	Netilmicin, 30 µg (NET-30)
231292	10 x 50 discs	Nitrofurantoin, 100 µg (FM-100)
295339	10 x 50 discs	Nitrofurantoin, 200 µg (FM-200)
254702	50 discs	Nitrofurantoin, 300 µg (FM-300)
231293	10 x 50 discs	Nitrofurantoin, 300 µg (FM-300)
291282	10 x 50 discs	Nitrofurantoin, 50 µg (FM-50)
254855	50 discs	Nitrofurantoin Sulfadiazin
254719	50 discs	Norfloxacin, 10 µg (NOR-10)
231647	10 x 50 discs	Norfloxacin, 10 µg (NOR-10)
232102	10 x 50 discs	Norfloxacin, 2 µg (NOR-2)
232102	10 x 50 discs	Norfloxacin, 2 µg (NOR-2)
231315	10 x 50 discs	Novobiocin, 30 µg (NB-30)
254881	50 discs	Novobiocin, 5 µg (NB-5)
231314	10 x 50 discs	Novobiocin, 5 µg (NB-5)
231672	10 x 50 discs	Ofloxacin, 5 µg (OFX-5)
254819	50 discs	Ofloxacin, 5 µg (OFX-5)
254720	50 discs	Ofloxacin, 10µg (OFX-10)
254720	50 discs	Oleandomycin, 10µg (OL-10)
254821	50 discs	Oleandomycin, 15 µg (OL-15)
232016	10 x 50 discs	Oleandomycin, 15 µg (OL-15)
231319	10 x 50 discs	Oxacillin, 1 µg (OX-1)
254822	50 discs	Oxacillin, 1 µg (OX-1)

254823	50 discs	Oxacillin, 5 µg (OX-5)
231566	50 discs	Oxolinic Acid, 2 µg (OA-2)
231342	10 x 50 discs	Oxytetracycline, 30 µg (T-30)
291028	50 discs	Pefloxacin, 5 µg (PEF-5)
291285	10 x 50 discs	Penicillin, 1 µg (P-1)
254708	50 discs	Penicillin, 10 µg (P-10)
231321	10 x 50 discs	Penicillin, 10 µg (P-10)
231321	10 x 50 discs	Penicillin, 10 µg (P-10)
231320	10 x 50 discs	Penicillin, 2 µg (P-2)
254700	50 discs	Pipemidic Acid, 20 µg (Pl-20)
254712	50 discs	Piperacillin 100 µg + Tazobactam 10 µg (PIP-100/TAZ-10)
231692	10 x 50 discs	Piperacillin 100 µg + Tazobactam 10 µg (PIP-100/TAZ-10)
291423	10 x 50 discs	Piperacillin 75 µg + Tazobactam10 µg (PIP-75/TAZ-10)
232229	50 discs	Piperacillin 30 µg + Tazobactam 6 µg (PIP-30/TAZ-6)
231609	10 x 50 discs	Piperacillin, 100 µg (PIP-100)
254832	50 discs	Piperacillin, 30 µg (PIP-30)
291286	10 x 50 discs	Piperacillin, 75 µg (PIP-75)
231324	10 x 50 discs	Polymyxin B, 300 µg (PB-300)
254828	50 discs	Polymyxin B, 300 µg (PB-300)
291287	10 x 50 discs	Rifampicin, 2 µg (Ra-2)
231544	10 x 50 discs	Rifampin, 5 µg (RA-5)
231578	50 discs	Rifampicin, 25 µg (Ra-25)
295042	10 x 50 discs	Rifampicine, 30 µg (Ra-30)
231637	10 x 50 discs	Spectinomycin, 100 µg (SPT-100)
291062	10 x 50 discs	Spiramycin, 100 µg (SPT-100)
231328	10 x 50 discs	Streptomycin, 10 µg (S-10)
231570	50 discs	Streptomycin, 50 µg (S-50)
231694	50 discs	Streptomycin, 300 µg (S-300)
231331	10 x 50 discs	Sulfadiazine, 0.25 µg (SD-0.25)
254709	50 discs	Sulfamethoxazole, 23.75µg
254729	50 discs	Sulfamethoxazole with Trimethoprim, 23.75/1.25 µg
231337	10 x 50 discs	Sulfathiazole 0.25 µg (ST-0.25)
231296	50 discs	Sulfisoxazole 0.25 µg (ST-0.25)
291311	10 x 50 discs	Teicoplanin, 30 µg (TEC-30)
266647	50 discs	Telithromycin 15 µg (TEL-15)
291034	50 discs	Temocillin, 30 µg (TEM-30)
291292	10 x 50 discs	Tetracycline, 10 µg (TE-10)
254728	50 discs	Tetracycline, 30 µg (TE-30)
231344	10 x 50 discs	Tetracycline, 30 µg (TE-30)
231343	10 x 50 discs	Tetracycline, 5 µg (TE-5)
231649	10 x 50 discs	Ticarcillin with Clavulanic Acid (Timentin), 85 µg (TIM-85)
231619	10 x 50 discs	Ticarcillin, 75 µg (TIC-75)
232208	10 x 50 discs	Tigecycline, 15 µg (TGC-15)
232087	50 discs	Tigecycline, 15 µg (TGC-15)

231569	10 x 50 discs	Tobramycin, 10 µg (NN-10)
254815	50 discs	Tobramycin, 10 µg (NN-10)
254816	50 discs	Tobramycin, 30 µg (NN-30)
231539	10 x 50 discs	Trimethoprim 1.25 µg + Sulfamethoxazol 23.75 µg (SXT)
296398	10 x 50 discs	Trimethoprim, 1.25 µg (TR-1.25)
291037	10 x 50 discs	Trimethoprim, 2.5 µg (TR-2.5)
254714	50 discs	Trimethoprim, 5 µg (TMP-5)
231601	10 x 50 discs	Trimethoprim, 5 µg (TMP-5)
231349	10 x 50 discs	Trimethoprim, 5 µg (TMP-5)
231349	50 discs	Triple Sulfa 0.25 µg (SSS-0.25)
254858	10 x 50 discs	Vancomycin, 30 µg (VA-30)
231352	10 x 50 discs	Vancomycin, 5 µg (VA-5)

Molecular Diagnostics



Thrush and Bacterial Vaginosis Testing

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Thrush and Bacterial Vaginosis Testing

BD Affirm™ VP III Consumables

PRODUCT CODE	SIZE	DESCRIPTION
211918	24 tests	BD Affirm™ Instrument
446252	24 tests	BD Affirm™ VP III - Microbial Identification Kit
		The BD Affirm™ VP III Microbial Identification Test is a DNA probe-based test for the simultaneous, differential detection and identification of *Candida* spp., *Gardnerella vaginalis*, and *Trichomonas vaginalis*.
446250	24 sets	BD Affirm™ VP III - Sample Collection Sets
446251	100	BD Affirm™ VP III - Bulk Sample Collection Swabs
446255	100	BD Affirm™ VP III - Ambient Temperature Transport System

Chlamydia and Gonorrhoea Testing

BD ProbeTec™ Instrument

PRODUCT CODE	SIZE	DESCRIPTION
440478	1	BD ProbeTec™ ET - Instrument
		The BD ProbeTec™ ET System is a real-time DNA amplification assay for the detection of *Chlamydia trachomatis* (CT), *Neisseria gonorrhoeae* (GC), mycobacteria (TB), and atypical pneumonia (AP).

BD ProbeTec™ Instrument Accessories

PRODUCT CODE	SIZE	DESCRIPTION
440482	1	BD ProbeTec™ ET - Lysing Heater (220V)
		Warming block for lysing of probes during sample processing.
441333	1	BD ProbeTec™ BD Viper™ Digital Thermometer + Probe
		Thermometer for the lysing block.
440502	1	BD ProbeTec™ ET - Lysing Rack for 96 sample tubes
		Heat-safe metal rack for securely holding the sample tubes during sample preparation and processing, including lysing samples on the lysing heater and allowing tubes to cool.
440494	1	BD ProbeTec™ ET - Instrument Plate

440496	1	BD ProbeTec™ ET - Thermal Test Plate
440681	1	BD ProbeTec™ ET - Sample Tube Rack, for 2 ml Sample Tube
440681	1	BD ProbeTec™ ET - Pipettor Power Supply Eur
440491	1	BD ProbeTec™ ET - Pipettor Power Supply UK (220V, 50Hz)
440698	1	BD ProbeTec™ ET - Clear Pipetting Rack

440479	1	BD ProbeTec™ ET - Priming and Warming Heater (220V)
		The BD ProbeTec™ ET Priming and Warming Heater is a double warming block with separately controlled temperature settings for the priming wells and the amplification wells.
440487	1	BD ProbeTec™ ET - Pipettor
		Programmable and automated 8-channel pipettor for the transfer of samples among sample tubes, priming wells, and amplification wells during sample processing.
440492	2	BD ProbeTec™ ET - Pipettor Rechargable Batteries
		Rechargeable batteries for the BD ProbeTec™ ET pipettor.
440495	1	BD ProbeTec™ ET - Pipettor Stand
		Metal holder for the pipettor.
440693	1	BD ProbeTec™ ET - Oven Filter
		For TB assays only. The BD ProbeTec™ ET Oven Filter filters air that comes out of the oven.
440488	1	Pipettor Power Supply (UK)
		Power supply for ProbeTec Pipettor
441048	1	ProbeTec™ Decapper Tool
		An attachment for an electric screwdriver for uncapping ProbeTec™ tubes.
441630	1	Viper™ Tube caps and tubes

BD ProbeTec™ CT / GC Sample Collection

PRODUCT CODE	SIZE	DESCRIPTION
220142	100 pcs.	BD ProbeTec™ ET - Collection Kit for Endocervical Specimens "Female Wet Swab"
		Kit consists of a sterile cleaning swab, a sterile collection swab and a CT/GC Diluent tube for specimen transport. The large rayon-tipped cleaning swab is provided to clean the cervix of blood and mucus prior to collection. The smaller polyurethane-tipped swab on a plastic shaft is used to collect the specimen for testing.
220143	100 pcs.	BD ProbeTec™ ET - Collection Kit for Male Urethral Specimens "Male Wet Swab"
		Kit consists of a sterile swab and a CT/GC Diluent tube for specimen transport. The rayon tipped collection swab consists of a flexible aluminium wire in a plastic shaft. After the specimen is collected, the swab is placed into the CT/GC Diluent tube an the shaft is broken at the score mark. The tube is recapped and tansported to the testing facility.

440476	100 pcs.	BD ProbeTec™ Culturette™ Direct - Female Dry Swab

Used for the sample collection and transport of endocervical specimens. Each BD Culturette™ Direct Cleaning-Collection and Transport System contains cleaning swabs, collection swabs, and collection tubes (100 of each). Endocervical Specimen Collection and Dry Transport System– Pink Cap (female).

440461	100 pcs.	BD ProbeTec™ Mini-Tip BD Culturette™ Direct - Male Dry Swab

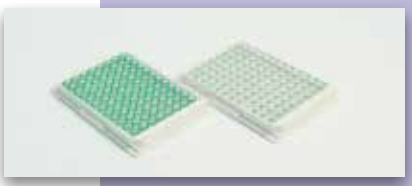
Swabs used for the sample collection and transport of urethral specimens from male patients. Urethral Specimen Collection and Dry Transport System – Blue Cap (male).

440928	100	BD ProbeTec™ Urine Preservative Transport Kit

The BD ProbeTec™ Urine Preservative Transport Kit with NAP Guard™ technology is designed to preserve and transport *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in male and female urine specimens from symptomatic and asymptomatic individuals prior to processing for analysis with the BD ProbeTec™ ET *C. trachomatis* (CT) and *N. gonorrhoeae* (GC) Amplified DNA Assays.

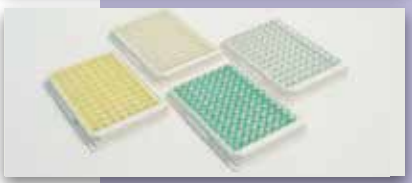
BD ProbeTec™ Reagents for CT / GC Assays

The BD ProbeTec™ ET Chlamydia trachomatis *(CT)* / Neisseria gonorrhoeae *(GC)* Amplified DNA Assays, when tested with the BD ProbeTec™ ET system, use Strand Displacement Amplification (SDA) technology for the direct, qualitative detection of Chlamydia trachomatis and Neisseria gonorrhoeae DNA in endocervial swabs, male urethral swabs, and female and male urine specimens as evidence of infection with C. trachomatis, Neisseria gonorrhoeae, or co-infection with both pathogens. Specimens may be from symptomatic and asymptomatic females for the CT assay and GC assay, from symptomatic or asymptomatic males for the CT assay, and from symptomatic males for the GC assays. Kits are available with Amplification Controls for inhibition testing. The kits contain material for 384 tests.



PRODUCT CODE	SIZE	DESCRIPTION
440704	384 tests	BD ProbeTec™ ET - CT Reagent Pack (without AC)

BD ProbeTec™ ET *Chlamydia trachomatis* (CT) reagent pack without amplification control.

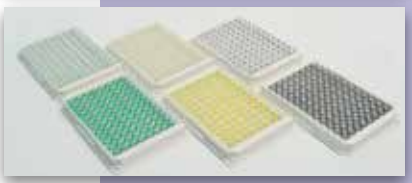


440705	384 tests	BD ProbeTec™ ET - CT/GC Reagent Pack (without AC)

BD ProbeTec™ ET *Chlamydia trachomatis* (CT) / *Neisseria gonorrhoeae* (GC) reagent pack without amplification control.

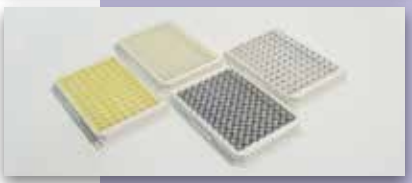
440474	384 tests	BD ProbeTec™ ET - CT/AC Reagent Pack

BD ProbeTec™ ET *Chlamydia trachomatis* (CT) with amplification control (AC) reagent pack.



440450	384 tests	BD ProbeTec™ ET - CT/GC/AC Reagent Pack

BD ProbeTec™ ET *Chlamydia trachomatis* (CT) / *Neisseria gonorrhoeae* (GC) Amplified DNA Assays with Amplification Control (AC) reagent pack.



441123	384 tests	BD ProbeTec™ ET - GC/AC Reagent Pack

BD ProbeTec™ ET *Neisseria gonorrhoeae* (GC) with Amplification Control (AC) reagent pack.

440451	20 tests	BD ProbeTec™ ET - CT/GC Control Set

Chlamydia trachomatis (CT)/*Neisseria gonorrhoeae* (GC) Control Set. Contains a positive and negative control to be included in each test run. Each kit contains reagents for 20 test runs, 20 positive and 20 negative.

BD ProbeTec™ Accessories for CT / GC Assays

PRODUCT CODE	SIZE	DESCRIPTION
440452	400 x 2 ml	BD ProbeTec™ ET - Swab Sample Diluent (CT/GC)
		Transport tubes for collected specimens, either by the Mini-tip BD Culturette™ Direct or the BD Culturette™ Direct Cleaning-Collection and Transport System, that are pre-filled with 2 ml Sample Diluent. These tubes are intended for use with the CT or CT/GC Assays.
440453	1 x 300 ml	BD ProbeTec™ ET - Diluent (CT/GC)
		Used for resuspension of the pelleted specimen before lysis and for resuspension of positive and negative controls. Each kit contains 4 bottles (225 ml a piece).
440455	400 pcs.	BD ProbeTec™ ET - Sample Tubes and Caps (4 ml)
		4 ml Sample Tubes and Caps that are used for the preparation of urine specimens for the BD ProbeTec™ ET Assay.
440456	400 pcs.	BD ProbeTec™ ET - Sample Tube Caps (4 ml)
		Replacement caps for the BD ProbeTec™ ET Sample Tubes.

440457	1 kit	BD ProbeTec™ ET - Accessories Kit
		The CT/GC Accessories Kit contains priming plate covers, amplification plate sealers and disposal bags (20 of each per kit).
440458	720 tips	BD ProbeTec™ ET - Pipette Tips
		Sterile aerosol resistant pipette tips for the BD ProbeTec™ ET Pipettor. Total of 720 tips (6 racks of 120).

BD ProbeTec™ ET Consumables for TB Assays

PRODUCT CODE	SIZE	DESCRIPTION
440610	96 tests	BD ProbeTec™ - (DTB) Direct Detection Reagent Pack
		The BD ProbeTec™ ET *Mycobacterium tuberculosis* Complex (DTB) Direct Detection Reagent Pack, for use with the BD ProbeTec™ ET system, utilises Strand Displacement Amplification (SDA) technology for the direct qualitative detection of *Mycobacterium tuberculosis* complex DNA from decontaminated, digested clinical respiratory samples such as sputa, induced sputa, bronchial washings and other respiratory specimens. It is to be used as a direct test for evaluating specimens from untreated patients that are suspected of having tuberculosis. Untreated patients are those who have not received anti-tuberculosis therapy or received such therapy in the last 12 months or had less than 7 days of therapy. The Pack contains 96 tests and also includes priming plate covers, amplification plate sealers and disposal bags.
440621	24 tests	BD ProbeTec™ - (CTB) Culture Confirmation Reagent Pack
		The BD ProbeTec™ ET *Mycobacterium tuberculosis* Complex (ctb) culture Identification Test, for use with the BD ProbeTec™ ET system, utilises Strand Displacement Amplification (SDA) technology for the identification of *Mycobacterium tuberculosis* complex DNA from solid or liquid cultures. Pack also includes priming plate covers, amplification plate sealers and disposal bags.
440631	20 controls	BD ProbeTec™ - (DTB) Direct Detection Control Set
		Includes 20 positive and 20 negative controls used with the BD ProbeTec™ ET *Mycobacterium tuberculosis* Complex (DTB) Direct Detection Reagent Test. One positive and one negative control must be included in each run.
440635	20 controls	BD ProbeTec™ - (CTB, KAN) Control Set
		Includes 20 positive and 20 negative controls used with the BD ProbeTec™ ET (CTB) and (KAN) Culture Identification Tests. One positive and one negative control must be included in each run.

440636	1 kit	BD ProbeTec™ - (CTB, KAN) Specimen Processing Kit
		Contains buffer solutions for the preparation of 100 solid or 200 liquid specimens. 1 bottle each of MCI wash buffer, MCI lysis buffer and MCI neutralisation buffer is included.
440643	1 kit	BD ProbeTec™ - (DTB) Direct Detection Specimen Processing Kit
		Contains buffer solutions for the preparation of 200 specimens. 1 bottle each of DTB wash buffer, DTB lysis buffer and DTB neutralisation buffer is included.
440661	200 units	BD ProbeTec™ ET - Sample Tubes and Caps (2 ml)
		Aerosol resistant tubes for mycobacteria testing with the (DTB), (CTB), (KAN) and (MAC) Reagent Packs for the BD ProbeTec™ ET system. Contains 200 tubes and 200 caps with a special rubber sealing.
440679	200 units	BD ProbeTec™ ET - Sample Tube Caps (2 ml)
		Additional caps with a special rubber sealing for the 2 ml Tubes (cat. no. 440661) used for mycobacteria testing.

BD Viper™

BD Viper™ XTR System

PRODUCT CODE	SIZE	DESCRIPTION
441091	1	Viper™ XTR Instrument
		The BD Viper™ System with XTR™ Technology and BD ProbeTec™ Qx chemistry offers fully automated, walk-away testing for *C. trachomatis* and *N. gonorrhoea*. Incorporating pierceable caps, ready to use reagents, automated pipetting, automated BD Fox™ DNA extraction, Strand Displacement Amplification and connectivity to the Laboratory Information System, the BD Viper™ System eliminates virtually all manual steps and repetitive movements. Industrial class robotic automation, liquid level sensing and Extraction Control for every single reaction ensure consistent quality and confidence of results.

BD Viper™ XTR Sample Collection

PRODUCT CODE	SIZE	DESCRIPTION
441362	100	Urine Preservative Transport for CT/GC QX Amplified DNA Assays
		The Urine Preservative Transport for the BD ProbeTec™ Qx Amplified DNA Assays (Qx UPT) is designed to preserve and transport Chlamydia trachomatis and *Neisseria* gonorrhoeae in urine specimens from symptomatic and asymptomatic individuals prior to processing.

441122	100	Vaginal Specimen Transport for CT/GC QX Amplified DNA Assays
		The Vaginal Specimen Transport for the BD ProbeTec™ CT/GC Qx Amplified DNA Assays offers a convenient way to collect and transport specimens from the patient to the laboratory. To be used for patient collection of vaginal swab specimens in a clinical setting. This transport system is for use with the BD ProbeTec™ CT/GC Qx Amplified DNA Assays on the BD Viper™ XTR System. Patient-collected vaginal swab specimens are an option for screening women when a pelvic exam is not otherwise indicated.

441357	100	BD ProbeTecTM Qx Collection Kit for Endocervical or Lesion Specimens
		The Female Endocervical Specimen Collection Kit for the BD ProbeTec™ CT/GC Qx Amplified DNA Assays is used to collect and transport patient endocervical specimens to the laboratory for testing with the BD ProbeTec™ CT/GC Qx Amplified DNA Assays on the BD Viper™ XTR System.

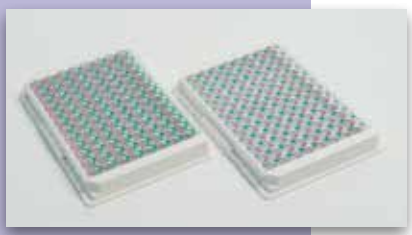
441358	100	Male Urethral Specimen Collection Kit for CT/GC QX Amplified DNA Assays

The Male Urethral Specimen Collection Kit for the BD ProbeTec™ CT/GC Qx Amplified DNA Assays is used to collect and transport male patient urethral specimens to the laboratory for testing with the BD ProbeTec™ CT/GC Qx Amplified DNA Assays on the BD Viper™ System in Extracted Mode.

BD Viper™ XTR Assay Reagents

PRODUCT CODE	SIZE	DESCRIPTION
441126	1152 tests	BD ProbeTec™ CT QX Amplified DNA Assay Reagent Pack

For use with the BD Viper™ XTR System. Uses Strand Displacement Amplification technology for the direct, qualitative detection of *Chlamydia trachomatis* DNA in clinician-collected female endocervical and male urethral swab specimens, patient-collected vaginal swab specimens, and all urine specimens. The assay is indicated for use with asymptomatic and symptomatic individuals to aid in the diagnosis of chlamydial urogenital disease.

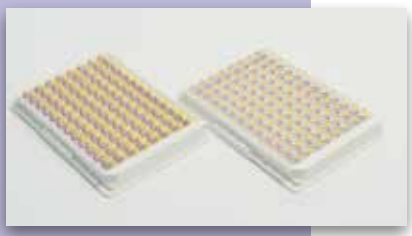


441124	1152 tests	BD ProbeTec™ GC QX Amplified DNA Assay Reagent Pack

For use with the BD Viper™ XTR System, uses SDA technology for direct, qualitative detection of *Neisseria gonorrhoeae* DNA in clinician-collected female endocervical & male urethral swab specimens, patient-collected vaginal swab specimens, and all urine specimens. The assay is for use with asymptomatic & symptomatic female individuals and symptomatic male individuals to diagnose gonococcal urogenital disease.

441125	1 kit	Control Set for CT/GC QX Amplified DNA Assays

Contains a positive and negative control to be included in each test run. Each kit contains 24 positive and 24 negative controls (sufficient for 12 full runs).



441749	1152 tests	BD ProbeTec™ Herpes Simples Viruses (HSV 1 & 2) Qx Amplfied DNA Assays Reagent Pack

For use with the BD Viper™ System in Extracted Mode. Uses SDA technology for the direct, qualitative detection and differentiation of HSV1 & HSV2 DNA in clinician-collected external anogenital lesion specimens. The assays are indicated for use with symptomatic individuals to aid in the diagnosis of anogenital HSV1 and HSV2 infections.

441748	1 kit	Control Set for ProbeTec™ Herpes Simples Viruses (HSV 1&2) Qx Amplfied DNA Assays

Herpes Simplex Viruses (HSV 1 & 2) Control Set. Contains a positive and negative control to be included in each test run. Each kit contains 24 positive and 24 negative controls (sufficient for 12 full runs).

COMING SOON!

For these TV assays and Control Sets, please speak to your local Sales Representative.

441917	1152 tests	BD ProbeTec™ Trichomonas Vaginalis Qx Amplfied DNA Assays Reagent Pack

The BD ProbeTec™ Trichomonas Vaginalis Qx Amplfied DNA Assays, when tested with the BD Viper™ System in Extracted Mode, uses SDA technology for the direct, qualitative detection and differentiation of Trichomonas vaginalis (TV) DNA in urine specimens. The assays are indicated to aid in the diagnosis of anogenital TV infections.

441918	1 kit	Control set for ProbeTec™ Trichomonas Vaginalis Qx Amplfied DNA Assays Reagent Pack

TV Control Set. Contains a positive and negative control to be included in each test run. Each kit contains 24 positive and 24 negative controls (sufficient for 12 full runs).

441925	1 kit	Control set for ProbeTec™ CT/GC/TV Qx Amplfied DNA Assays Reagent Pack

CT/GC/TV Control Set. Contains a positive and negative control to be included in each test run. Each kit contains 24 positive and 24 negative controls (sufficient for 12 full runs).

BD Viper™ Accessories

PRODUCT CODE	SIZE	DESCRIPTION
441361	48 tubes	Swab Diluent for the BD ProbeTec™ Qx Amplified DNA Assays
		Each Swab Diluent tube contains 2 ml of sample diluent and is intended to be used for the expression of Vaginal Specimen Transport (441122).
441129	384 tubes	BD FOX™ Extraction Tubes
		The BD Fox™ Extraction Tubes contain a dissolvable Iron oxide strip and an extraction control and are intended to be used with the BD ProbeTec™ CT/GC Qx Amplified DNA Assays on the BD Viper™ System in Extracted Mode.
441354	12	BD Viper™ XTR Neutralisation Pouch Kit
		The BD Viper™ Neutralization Pouch contains sufficient buffering capacity to neutralise the acids and bases discarded during the sample extraction.
441128	12	BD Viper™ Extraction Reagent and Lysis Troughs
		The Extraction Reagent and Lysis Trough are intended to be used with the BD ProbeTec™ CT/GC Qx Amplified DNA Assays on the BD Viper™ System in Extracted Mode. Each Reagent and Lysis trough comes with a disposal bag and absorbent pad.
441853	1	BD ProbeTec™ QX Accessory Kit
		This kit is suited to customers running the Viper in extracted mode. It contains clear plate sealers for the Priming Plates and Disposal bags for the safe disposal of both the Priming and Amplification plates.
441360	400	Specimen Tubes and Pierceable Caps
		Specimen Tubes with Pierceable Caps for the processing of NEAT urine samples on the BD Viper™ System in Extracted Mode.
441359	400	Pierceable Caps
		Replacement Pierceable Caps for use on the BD Viper™ System in Extracted Mode.
440984	480	Black Amplification Plate Sealers
		Black Amplification Plate sealers for use on the BD Viper™ System.
440752	8	Blank Microwells
		Blank microwells for use on the BD Viper™ System.
440724	960	BD Viper™ Pipette Tips - Case (10 boxes; 96 tips/box)
		Disposable pipette tips used by the BD Viper™ System for the processing of samples in the amplified DNA assays.
440725	10	BD Viper™ Trash Box
		Cardboard trash boxes used with the Viper™ system for the collection of solid waste (used tips).
440726	10	BD Viper™ Trash Bags
		Plastic bags placed in the Viper™ trash box for collection of used tips.
440976	1	BD Viper™ Lysing Heater (230V)
		The BD Viper™ Lysing Heater is used for the pre-warming of patient samples prior to running on the BD Viper™ System.
441081	48 tubes	BD Viper™ Rack Extraction Tubes
441377	48 tubes	BD Viper™ XTR Vacuum Tool
441444	48 tubes	LBC Dilution Tubes for CT/GC QX Amplified DNA Assays
441443	4 x 100	LBC Dilution Tubes Caps for CT/GC QX Amplified DNA Assay

440463	1	BD Viper ™ Normaliser Assembley
441351	1 Kit	BD Viper ™ Waste Bottle
440681	1 Kit	BD Viper™ 2ml Sample Tube Rack
440698	1 Kit	BD Viper™ Clear Pipetting Rack
440699	1 Kit	BD Viper™ Sonic Bath Insert
490103	1 Kit	BD Viper™ Tip Waste Box

441853	1 Kit	BD Probetec ™ Qx Accessory Kit for use with BD Viper™ XTR

This Accessories Kit contains 40 clear and 40 black Viper™ plate sealers for the Amplification Plates, 80 zip lock disposal bags (9" x 6") and 20 x 80 large zip lock bags for lysing reagents disposal.

440974		BD Viper™ Lyse Cover Sample
440977		BD Viper™ Lysing Heating Block (Metal Insert)
440966		BD Viper™Plate Sample Tube Guide (SP)
440989		BD Viper™ Processor Tube Rack Diplex SP
441081		BD Viper ™ Rack Extractor Tube SP
441437		BD Viper ™ Swab Diluent for (CT/GC) Qx Amplified DNA Assays
441391		BD Viper™ Bag Waste Tips
441392		BD Viper™ Box Waste Tips
441351		BD Viper™ Waste Liquid Bottle
440824		BD Viper™ Liquid Touch Off Plate

BD TriPath Cervical Cytology

Cytology Sample Preparation

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BD TriPath Cervical Cytology

Cytology Sample Preparation

BD SurePath™ LBC Kit for PrepStain™ System

PRODUCT CODE	SIZE	DESCRIPTION
490523	480 tests	BD SurePath™ GYN Test Kit Lab Pack for BD PrepStain™ System
		The BD SurePath™ liquid-based Pap test is an FDA approved thin-layer cell preparation process for use in the screening & detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories (as defined by The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses). Kit contains: 5 x 96 Aspirator Tips; 1 x 480 Centrifuge Tubes; 4 x 480 Density Reagent Bottles; 5 x 96 Disposable Transfer Tips; 2 x 240 BD PrepMate™ Syringes; 2 x 240 Settling Chambers; 8 x 60 BD SurePath™ PreCoat Slides.
490527	20 x 25 vials	BD SurePath™ Vials
490536	2 bottles	BD PrepStain™ Cytology Stain Kit
		Kit contains: 1 x 480 ml EA/OG Stain and 1 x 480 ml Hematoxylin Stain 0.75.

BD SurePath™ LBC Kit for Manual Method

The BD SurePath™ liquid-based Pap test is an FDA approved thin-layer cell preparation process intended for use in the screening and detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories as defined by The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.

PRODUCT CODE	SIZE	DESCRIPTION
490529	480 tests	Manual Method BD SurePath™ GYN Test Kit for BD PrepMate™ System
		Kit contains: 5 x 96 Aspirator Tips; 1 x 480 Centrifuge Tubes; 4 x 480 ml Density Reagent; 2 x 240 BD PrepMate™ Syringes; 2 x 240 Settling Chambers; 8 x 60 BD SurePath™ PreCoat Slides; 1 x 500 BD SurePath™ Vials.
490530	480 tests	Manual Method BD SurePath™ GYN Test Kit
		Kit contains: 1 x 480 Centrifuge Tubes; 4 x 480 ml Density Reagent; 4 x 240 Settling Chambers; 8 x 60 BD SurePath™ PreCoat Slides; 1 x 500 BD SurePath™ Vials.

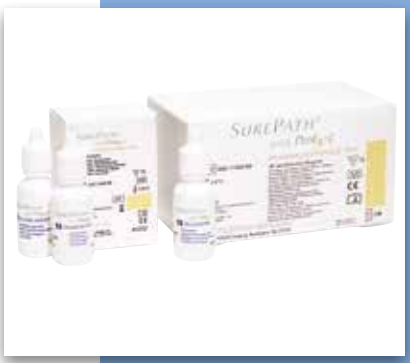
BD CytoRich™ Non-Gyn LBC Kits

BD CytoRich™ Preservative is an ethanol based fixative system that is used to collect, preserve, hemolyse, transport and transfer cytology specimens to a glass slide. Suitable for washings, brushings (and other abrasive collection methods), body fluids (hypercellular, hypocellular, bloody or neat), sputums, aspiration and biopsies.

PRODUCT CODE	SIZE	DESCRIPTION
490533	480 tests	Non-Gyn Blue Test Kit for BD PrepStain™ System
		The BD CytoRich™ Blue Preservative is a general purpose cell preservative, excellent for urine and non-haemolytic samples. It is recommended for use as a general cytology preservative. Kit contains: 1 x 480 Centrifuge Tubes; 2 x 3600 ml BD CytoRich™ Blue Preservative; 5 x 96 Disposable Transfer Tips; 1 x 480 ml EA/OG Stain; 1 x 480 ml Hematoxylin Stain 0.5; 8 x 60 BD SurePath™ PreCoat Slides; 2 x 240 Settling Chambers.
490534	480 tests	Non-Gyn Red Test Kit for BD PrepStain™ System
		The BD CytoRich™ Red Preservative solubilises protein and lyses red blood cells. It is excellent for fine needle aspirations and general non-gyn cell preservation, providing extended sample stability. Kit contains: 1 x 480 Centrifuge Tubes; 2 x 3600 ml BD CytoRich™ Blue Preservative; 5 x 96 Disposable Transfer Tips; 1 x 480 ml EA/OG Stain; 1 x 480 ml Hematoxylin Stain 0.5; 8 x 60 BD SurePath™ PreCoat Slides; 2 x 240 Settling Chambers.

BD ProEx™ C Immunocytochemical Test Kit

PRODUCT CODE	SIZE	DESCRIPTION
490500	75 tests*	BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kit (Part 1)
		BD ProEx™ C is a highly sensitive and specific biomarker reagent used with standard immunocytochemistry (ICC) techniques to detect the presence of Aberrant S-Phase induction in routinely collected cytology specimens. Catalogue numbers 490512 & 490535 are required for use with this kit. *The number of tests will vary based on the type of immuno-stainer that is used. Kit Contains: 1 x 18 ml Bluing Agent; 1 x 18 ml Hematoxylin, Mayer's
490501	75 tests*	BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kit (Part 2)
		Catalogue numbers 490512 & 490535 are required for use with this kit. *The number of tests will vary based on the type of immuno-stainer that is used. Kit Contains: 1 x 1 ml DAB; 1 x 18 ml DAB Substrate Buffer; 1 x 15 ml Mouse Probe; 1 x 15 ml Peroxidase Block; 1 x 15 ml Polymer Reagent; 1 x 15 ml BD ProEx™ C Ab Cocktail; 1 x 15 ml Protein Block.
490503	8 ml	BD SureDetect™ SiHa Cell Control
		Reagent for 75 control slides
490512	500 ml	BD SureDetect™ Slide Preparation Buffer 10 X
		Buffer for 600 slides. For use with BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kits (Cat. No. 490500 & 490501)
490535	96 tests	BD SureDetect™ Slide Preparation Kit
		For use with BD SurePath™ LBC with ProEx™ C Immunocytochemical Test Kits (Cat. No. 490500 & 490501) Kit contains: 2 x 60 BD SurePath™ PreCoat Slides; 1 x 96 Settling Chambers; 1 x 96 Disposable Transfer Tips.



BD ProEx™ C Reagent for Histology

PRODUCT CODE	SIZE	DESCRIPTION
490502	7 ml	BD ProEx™ C Ab Cocktail
		The number of tests will vary based on the type of immuno-stainer used. With one vial of 7 ml, most commercial stainers allow you to perform 25 - 35 tests.

BD SurePath™ Reagents and Disposables

PRODUCT CODE	SIZE	DESCRIPTION
490505	100	BD SurePath™ Preservative Vial Cap
490506	3600 ml	Alcohol Blend Rinse
490507	3600 ml	BD SurePath™ Preservative
490508	3600 ml	BD CytoRich™ Red Preservative Fluid
490509	3600 ml	BD CytoRich™ Blue Preservative Fluid
490510	1 x 96	Easy Aspirator Tips (box of 96 tips)
490511	60 slides	BD SurePath™ PreCoat slides
490513	1 x 96	Disposable Transfer Tips
490514	1 x 96	Centrifuge Tubes
490517	1 x 240	Centrifuge Tubes
490518	1	Buffered TRIS (to prepare 18 L)
490521	480 ml	BD PrepStain™ Density Reagent
490522	25 vials	BD SurePath™ Vials
490527	500 vials	BD SurePath™ Vials
490126	1	BD PrepMate™, Rack Set (1 through 4)
490127	1	BD PrepMate™, Rack 1
490128	1	BD PrepMate™, Rack 2
490129	1	BD PrepMate™, Rack 3
490130	1	BD PrepMate™, Rack 4
490103	1	Vacuum Pump 230V
490119	1	Easy Aspirator w/ connector and Tip Ejector
490125	1	Multi-Vial Vortex, 220V
490131	1	Easy Aspirator w/ connector
490132	1	Easy Tip Ejector
490515	480	Centrifuge Tubes
490524	500	Cervix Brushes 20 x 25
490526	500	Combi Brushes 20 x 25
490535	96 tests	BD SureDetect™ Slide Preparation Kit
		Kit contains: 2 x 60 BD SurePath™ PreCoat slides; 1 x 96 Settling Chambers; 1 x 96 Disposable Transfer Tips.
490536	2 bottles	GYN Cytology Stain Kit
		Kit contains: 1 x 480 ml EA/OG Stain; 1 x 480 ml Hematoxylin Stain 0.75.
490537	2 bottles	Non-GYN Stain Kit
		Kit contains: 1 x 480 ml EA/OG Stain; 1 x 480 ml Hematoxylin Stain 0.5.

Cytology Slide Preparation

BD PrepStain™ Slide Processer & Manual Systems

The PrepStain™ System is a liquid-based thin layer cell preparation process. The PrepStain™ System produces SurePath™ slides that replace conventional Pap smears. SurePath™ slides are for use in the screening and detection of cervical cancer, pre-cancerous lesions, atypical cells and all other cytologic categories as defined by The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.
**These systems consist of multiple catalogue numbers so please contact your local sales representative for ordering information.*

PRODUCT CODE	SIZE	DESCRIPTION
Enquire*		BD PrepStain™ Slide Processor System with Centrifuge
		Complete system for automated slide preparation.
Enquire*		BD PrepStain™ Slide Processor System without Centrifuge
		System for automated slide preparation, without a centrifuge.
Enquire*		BD PrepStain™ Manual Method System with Centrifuge
		System for manual slide preparation, including centrifuge.
Enquire*		BD PrepStain™ Manual Method System without Centrifuge
		System for manual slide preparation, without a centrifuge.

Cytology Screening

BD FocalPoint™ Imaging System

The BD FocalPoint™ automates initial screening of cervical cytology slides. Up to 25% of successfully processed slides are identified as requiring no further review and at least 15% of all successfully processed slides for a second manual review.
**These systems consist of multiple catalogue numbers so please contact your local sales representative for ordering information.*

PRODUCT CODE	SIZE	DESCRIPTION
Enquire*		BD FocalPoint™ Slide Profiler
		Complete system for slide imaging.
Enquire*		BD FocalPoint™ Review Station
		Microscope, computer, monitor, printer and accessories.

Cytology and Molecular Sample Preparation

BD Totalys™ MultiProcessor

The new BD Totalys™ MultiProcessor combines full automation and rigorous chain of custody for cervical testing and customisable molecular aliquots. Experience efficiency, flexibility and confidence for your lab.

For more information, please contact your local Sales Representative for details.

BD MAX™ System

Fully automated bench-top system for molecular diagnostics

BD MAX™ System

BD MAX™ Instrument 153

BD MAX™ IVD assays

BD MAX™ Assays for Healthcare Associated Disease Testing 153
BD MAX™ Assays for Enteric Disease Testing 154
BD MAX™ Assays for Womens' Health/STD 154

Diagenode Partner Assays for BD MAX™

Diagenode Assays for Respiratory Disease Testing 154
Diagenode Partner Assays for Enteric Disease for BD MAX™ 155

BD MAX™ Open System Reagents

BD MAX™ Master Mix 155
BD MAX™ Test Kits 155

BD MAX™ System

BD MAX™ Instrument

The BD MAX™ is a fully automated workstation designed to offer unique versatility, enabling you to consolidate and standardise your molecular testing.*
**** User-defined protocols cannot be perfomed in the same run as IVD/CE assays.***

PRODUCT CODE	SIZE	DESCRIPTION
441916		BD MAX™ System
		Fully automated open platform for molecular testing. This is a 5-channel multiplex platform including monitor, keyboard, barcode scanner, printer, racks and UPS.
441770	288 tests	BD MAX™ Microfluidic PCR cartridges
		Each PCR cartridge can perform 12 tests. Contains 2 cartridges of 12 wells.
437016	100	BD MAX™ 0.3 ml Conical Tubes
		A pack of 100 x 0.3 ml conical tubes for use with the BD MAX™
443412		Specialised block for sealing BD MAX™ tubes
443413		Specialised foil seals for sealing BD MAX™ tubes

BD MAX™ IVD assays

BD MAX™ Assays for Healthcare Associated Disease Testing

All IVD assays contain strips, master mix, extraction reagents, sample buffer tubes & septum caps.

PRODUCT CODE	SIZE	DESCRIPTION
442554	1	BD MAX™ MRSA 24-test kit
		This is an automated qualitative in vitro diagnostic test for the direct detection of Methicillin-resistant Staphylococcus aureus (MRSA) DNA from nasal swabs. The test utilises real-time PCR for the amplification of MRSA DNA and fluorogenic target-specific hybridisation probes for the detection of the amplified DNA.
442555	1	BD MAX™ C difficile 24-test kit
		This is an automated qualitative in vitro diagnostic test for the direct, qualitative detection of the Clostridium difficile toxin B gene in human liquid or soft stool specimens. The test utilises real-time PCR for the amplification of C. difficile toxin B gene DNA and fluorogenic target-specific hybridisation probes for the detection of the amplified DNA.
443419	1	BD MAX™ Staph SR Nasal 24-test kit
		Coming soon. An automated qualitative in vitro diagnostic test for the detection of Staph SR from nasal samples. The test utilises real-time PCR for the amplification of MRSA DNA, MSSA DNA and mecA gene DNA.

BD MAX™ Assays for Enteric Disease Testing

All IVD assays contain strips, master mix, extraction reagents, sample buffer tubes & septum caps.

PRODUCT CODE	SIZE	DESCRIPTION
442963	1	BD MAX™ Enteric Bacterial 24-test kit
		An automated qualitative in vitro diagnostic test for the direct detection of enteric bacteria from samples. The test utilises real-time PCR for the amplification of *Salmonella* spp, *Shigella*, *Campylobacter* spp and Shiga toxins 1 & 2.
442960	1	BD MAX™ Enteric Parasite 24-test kit
		Coming soon. An automated qualitative in vitro diagnostic test for the direct detection of enteric ovum and parasites from samples. The test utilises real-time PCR for the amplification of Giardia lamblia, Entamoeba histolytica and Crytosporidium parvum and hominis.

BD MAX™ Assays for Womens' Health/STD

PRODUCT CODE	SIZE	DESCRIPTION
441772	1	BD MAX™ GBS 24-test kit
		This is a fully automated qualitative in vitro diagnostic test for the detection of Group B Streptococcus (GBS) from vaginal/rectal swabs. The test utilises real-time PCR for the amplification of the DNA.
442970	1	BD MAX™ CT/GC/TV 24-test kit
		Coming soon. An automated qualitative in vitro diagnostic test for the detection of CT/GC/TV. The test utilises real-time PCR for the amplification of the DNA.

Diagenode Partner Assays for BD MAX™

Diagenode Assays for Respiratory Disease Testing

All Diagenode assays require one primers and probes kit and the necessary open system reagents as listed.*
** Please refer to the BD MAX™ Open System Reagents list.*

PRODUCT CODE	SIZE	DESCRIPTION
442985	1	Diagenode Respiratory Influenza A/B for BD MAX™ Primers and Probes 96-test Kit (including RNA master mix)
		This is a fully automated qualitative in vitro diagnostic test for the detection of Flu A and Flu B from upper and lower respiratory samples. The test utilises real-time PCR for the amplification of the DNA. For use with BD MAX™ RNA-3 24-test extraction kit (Cat. No. 437522)
442976	1 kit	Diagenode Respiratory Bordetella Panel for BD MAX™
		This is a fully automated qualitative in vitro diagnostic test for the detection of *Bordetella pertussis* and *Bordetella parapertussis* from upper and lower respiratory samples. The test utilises real-time PCR for the amplification of the DNA. For use with BD MAX™ DNA MMK (SPC) 24-kit (Cat. No. 442829) and BD MAX™ ExK™ DNA-1 24-test extraction kit (Cat. No. 442818)

Diagenode Partner Assays for Enteric Disease for BD MAX™

All Diagenode assays require one primers and probes kit and the necessary open system reagents as listed.*
** Please refer to the BD MAX™ Open System Reagents list.*

PRODUCT CODE	SIZE	DESCRIPTION
442987	1	Diagenode Enteric Viral Primer & Probes 96-test kit
		This is a fully automated qualitative in vitro diagnostic test for the detection of Norovirus 1, Norovirus 2 and Rotavirus from stool samples. The test utilises real-time PCR for the amplification of the DNA. For use with BD MAX™ RNA-3 24-test extraction kit (Cat. No. 437522)

BD MAX™ Open System Reagents

BD MAX™ Master Mix

PRODUCT CODE	SIZE	DESCRIPTION
442829	1	BD MAX™ DNA MMK (SPC) 24-test Extraction kit
		DNA master mix with specimen control.
442848	1	BD MAX™ DNA MMK 24-test Extraction without SPC Kit
		DNA master mix without specimen control.
442830	1	BD MAX™ TNA MMK (SPC) 24-test Extraction kit
		New: TNA master mix with specimen control.
442845	1	BD MAX™ TNA MMK (SPC) 24-test Extraction without SPC Kit
		New: TNA master mix without specimen control.

BD MAX™ Test Kits

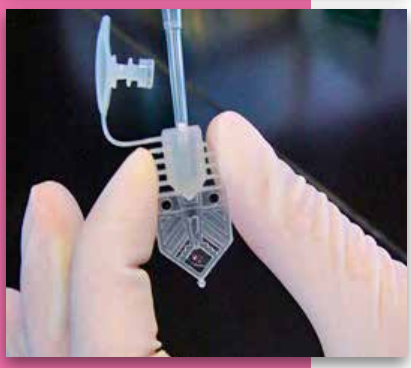
PRODUCT CODE	SIZE	DESCRIPTION
442818	1	BD MAX™ ExK™ DNA-1 24-test kit
		The BD MAX™ ExK™ DNA-1 is intended to extract DNA from plasma, serum or neat urine specimens.
442820	1	BD MAX™ ExK™ DNA-2 24-test kit
		The BD MAX™ ExK™ DNA-2 is intended to extract DNA from cerebral spinal fluid (CSF) or dry swab specimens.
442822	1	BD MAX™ ExK™ DNA-3 24-test kit
		The BD MAX™ ExK™ DNA-3 is intended to extract DNA from swabs in Universal Transport Medium (UTM) or from urine specimens.
442850	1	BD MAX™ ExK™ DNA-4 24-test Extraction kit
		New: the BD MAX™ ExK™ DNA-4 Extraction is intended to extract DNA from stool specimens.

437522	1	BD MAX™ RNA-3 24-test Extraction kit
		The BD MAX™ RNA-3 Extraction is intended to extract RNA from swabs in UTM and urine specimens.
442826	1	BD MAX™ ExK™ TNA-2 24-test Extraction kit
		New: the BD MAX™ ExK™ TNA-2 Extraction is intended to extract TNA from swabs in CSF and stool samples. Coming soon.

BD GeneOhm Rapid Nucleic Acid Based Diagnostics

BD GeneOhm™ Rapid HCAI Testing 158
MRSA Testing 158
MRSA/MSSA Testing 158
Clostridium difficile testing 158
Vancomycin-resistant Enterococci (VRE) 159
StrepB Testing 159
Lysis Kits 159

BD GeneOhm Rapid Nucleic Acid Based Diagnostics



BD GeneOhm™ Rapid HCAI Testing

MRSA Testing

PRODUCT CODE	SIZE	DESCRIPTION
441242	200 tests	BD GeneOhm™ MRSA Assay
441244	48 tests	BD GeneOhm™ MRSA assay is a qualitative in vitro diagnostic test for the direct detection of nasal colonisation by methicillin-resistant *Staphylococcus aureus* (MRSA) to aid in the prevention and control of MRSA infections in healthcare settings. The test performed on the Smart Cycler® instrument with a nasal swab specimen from patients at risk for colonisation, utilises polymerase chain reaction (PCR) for the amplification of MRSA DNA and fluorogenic target-specific hybridisation probes for the detection of the amplified DNA.
441639	200 tests	BD GeneOhm™ MRSA ACP Assay
441638	100 tests	Rapid molecular assay for MRSA, as above. The BD GeneOhm™ MRSA ACP assay simplifies assay workflow by incorporating enzymatic achromopeptidase (ACP) lysis technology which results in 15% reduction in workflow steps and 50% reduction in hands-on time, compared to the BD GeneOhm™ MRSA assay.
441637	48 tests	

MRSA/MSSA Testing

PRODUCT CODE	SIZE	DESCRIPTION
441253	200 tests	BD GeneOhm™ StaphSR Assay
441252	48 tests	The BD GeneOhm™ StaphSR Assay is a qualitative in vitro diagnostic test for the rapid detection of *Staphylococcus aureus* (SA) and methicillin-resistant *Staphylococcus aureus* (MRSA) directly from positive blood culture, nasal and wound specimens. The assay utilises polymerase chain reaction (PCR) for the amplification of specific targets and fluorogenic target-specific hybridisation probes for the real-time detection of the amplified DNA.

Clostridium difficile testing

PRODUCT CODE	SIZE	DESCRIPTION
441400	48 tests	BD GeneOhm™ Cdiff Assay
		The BD GeneOhm™ Cdiff Assay is the only CDI diagnostic test that combines high assay sensitivity with a rapid turnaround time of less than two hours, facilitating earlier appropriate treatment of patients suffering from CDI and earlier implementation of infection control interventions to prevent transmission of *Clostridium difficile* to other patients.

Vancomycin-resistant Enterococci (VRE)

PRODUCT CODE	SIZE	DESCRIPTION
442972	48 tests	BD GeneOhm™ VanR Assay
442971	200 tests	The BD GeneOhm™ VanR assay is a qualitative in vitro polymerase chain reaction (PCR) test for the detection of vancomycin-resistant genes associated with vancomycin-resistant enterococci (VRE), directly from perianal and rectal swabs.

StrepB Testing

PRODUCT CODE	SIZE	DESCRIPTION
441240	50 tests	BD GeneOhm™ StrepB Assay
		BD GeneOhm™ StrepB assay is a qualitative in vitro diagnostic test for the rapid detection of Group B streptococcus (GBS) DNA in vaginal/rectal specimens from prepartum or intrapartum women. The test performed on the Smart Cycler® automated analyser utilises polymerase chain reaction (PCR) for the amplification of a cfb gene sequence of GBS recovered from clinical samples and fluorogenic target-specific hybridisation for the detection of the amplified DNA. BD GeneOhm™ StrepB assay can be used to establish GBS colonisation status of prepartum and intrapartum women.

Lysis Kits

PRODUCT CODE	SIZE	DESCRIPTION
441243	100 reactions	BD GeneOhm™ Lysis Kit
		BD GeneOhm™ Lysis kit is for the rapid lysis of cells and spores from different sample types. For use with all BD GeneOhm™ assays except the BD GeneOhm™ MRSA ACP assay.
441638	100 reactions	BD GeneOhm™ MRSA ACP Lysis Kit
		Lysis kit for the BD GeneOhm™ MRSA ACP assay

BD BACTEC ™ MGIT ™ 320
Mycobacteria Culture System

The gold standard - in smaller capacity

- Uses the same BD BACTEC™ MGIT™ media and reagents
- Utilises the sensitive fluorescence technology based on O2 quenching that has proven performance in the BD BACTEC™ MGIT™ 960 System
- Holds 320 tubes for an annual capacity of approximately 2700 specimens per year
- Flexible configuration as bench top or stand-mounted for optimal use of valuable lab space
- The World Health Organisation (WHO) has recently recommended the use of mycobacterial liquid culture and drug susceptibility testing. With increased sensitivity and reduced delays, liquid systems may contribute significantly to improved patient management[1]
- The BD BACTEC™ MGIT™ 320 System will make this technology more readily available globally in an effort to help reduce TB deaths and decrease transmission rates in high-risk areas.

1 World Health Organisation. The use of liquid medium for culture and DST. WHO <http://www.who.int/tb/dots/laboratory/policy/en/index3.html> August 2009

Mycobacteria Testing Systems

BD BACTEC™ MGIT™ Automated Mycobacteria Testing

BD BACTEC™ MGIT™ Instruments & Accessories 162
BD BACTEC™ MGIT™ Tubes & Supplement 162
BD BACTEC™ MGIT™ AST Accessories 163
BD BACTEC™ MGIT™ AST Drugs, Media & Kits 163

BD Manual Mycobacteria Testing

BD MicroMGIT Fluorescence Reader & Calibrator 164
Manual MGIT™ Tubes & Supplements 164
BD MycoPrep™ Mycobacteria Specimen Digestion & Decontamination 165
BD BBL™ & BD Difco™ DCM & Enrichments for Mycobacteria Testing 165
BD BBL™ Prepared Media (PPMs & Tubes) for Mycobacteria Testing 165
BD Taxo™ Identification & Differentiation of Mycobacteria 166

BD Mycobacteria Specimen Collection, Processing & Staining

BD BBL™ Accessories & Supplies for Acid-Fast Procedures 167
BD Kinyoun (cold) Acid-Fast Procedure 167
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BD Ziehl-Neelsen (hot) Acid-Fast Procedure 168
MTB Complex / Non-MTB Complex Assay 168

Mycobacteria Testing Systems

BD BACTEC™ MGIT™ Automated Mycobacteria Testing

BD BACTEC™ MGIT™ Instruments & Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445870	1	BD BACTEC™ MGIT™ 960 - Mycobacterial Detection Instrument
		The BD BACTEC™ MGIT™ 960 Instrument is a nonradiometric and fully automated system for the rapid detection of mycobacteria in clinical specimens other than blood. The BD BACTEC™ MGIT™ 960 is also used for the antimicrobial susceptibility testing of mycobacteria, including SIRE and PZA susceptibility testing.
445871	17 vials	BD BACTEC™ MGIT™ 960 - Calibrators Kit
445999	51 vials	16 vials are sufficient for 1 drawer.

441743	1	BD BACTEC™ MGIT™ 320 - Mycobacterial Detection Instrument
		BD's newest automated mycobacterial detection instrument, for lower volume laboratories. Same simplicity and ease of use, minimal hands-on time and simple 4-step workflow. Holds 320 tubes for an annual capacity of approximately 2700 specimens per year. Offers optimal use of valuable laboratory space and a flexible configuration as bench-top or stand-mounted. Stand is product code 441680.

BD BACTEC™ MGIT™ Tubes & Supplement

PRODUCT CODE	SIZE	DESCRIPTION
245122	100 tubes	BD BACTEC™ MGIT™ 960 - Tubes 7 ml
		The BACTEC™ MGIT™ Tube is intended for the detection and recovery of mycobacteria using the BD BACTEC™ MGIT™ 960 system. Each plastic tube has a screw-top cap and contains 7 ml of modified Middlebrook 7H9 Broth base, which is supplemented with BD BACTEC™ MGIT™ Growth Supplement (Cat. No. 245124). Acceptable specimen types are digested and decontaminated clinical specimens (except urine) and sterile body fluids (except blood). Additionally, these tubes can also be used for antimicrobial susceptibility testing of mycobacteria, including SIRE and PZA testing. BD BBL™ MGIT™ tubes should be stored between 2-25° C.

245124	1 kit	BD BACTEC™ MGIT™ 960 - Supplement Kit
		The kit includes 6 vials of lyophilised BBL™ MGIT™ PANTA™ Antibiotic Mixture and 6 vials of 15 ml BD BACTEC™ MGIT™ 960 Growth Supplement. The BD BACTEC™ MGIT™ Growth Supplement contains Middlebrook OADC enrichment (Oleic acid, Bovine albumin, Dextrose, Catalase and Polyoxyethylene stearate [POES]). The BBL™ MGIT™ PANTA™ Antibiotic Mixture contains Polymyxin B, Amphotericin B, Nalidixic acid, Trimethoprim and Azlocillin. The Supplement Kit should be stored between 2-25° C and is sufficient for approximately 100 tests.

BD BACTEC™ MGIT™ AST Accessories

PRODUCT CODE	SIZE	DESCRIPTION
445941	1 kit	BD BACTEC™ MGIT™ 960 - AST Starter Kit
		Includes: • User Manual • Quick reference guide • 2 x Transport rack • 16 x 5-tube AST Set carrier • 16 x 2-tube AST Set carrier • 3 x 3-tube AST Set carrier • 3 x 4-tube AST Set carrier and • 3 x 8-tube AST Set carrier
445943	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (5-tube)
445944	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (4-tube)
445945	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (3-tube)
445946	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (2-tube)
445993	3 pack	BD BACTEC™ MGIT™ 960 - AST Carrier Sets (8-tube)
445942	1	BD BACTEC™ MGIT™ 960 - AST Transport Rack
445959	1	BD BACTEC™ MGIT™ 960 - Spare bar code Set carrier
445872	1	BD BACTEC™ MGIT™ 960 - Temperature QC Tube
445873	10 pack	BD BACTEC™ MGIT™ 960 - Plug for Bad Station

BD BACTEC™ MGIT™ AST Drugs, Media & Kits

PRODUCT CODE	SIZE	DESCRIPTION
245115	25 tubes	BD BACTEC™ MGIT™ 960 - PZA Medium
		The BD BACTEC™ MGIT™ 960 PZA Medium is a tube containing modified Middlebrook 7H9 Broth with a reduced pH of 5.9 and is to be used for susceptibility testing of *Mycobacterium tuberculosis*.
245123	1 kit	BD BACTEC™ MGIT™ 960 - SIRE Kit
		The BD BACTEC™ MGIT™ 960 SIRE Kit is a rapid qualitative procedure for susceptibility testing of *Mycobacterium tuberculosis*, from culture, to streptomycin (STR), isoniazid (INH), rifampin (RIF) and ethambutol (EMB).
245125	1 kit	BD BACTEC™ MGIT™ 960 - STR 4.0 Kit
		The STR (Streptomycin) 4.0 Test Kit is intended for the susceptibility testing of *M. tuberculosis* to MOP (Method of Proportion) high concentration of streptomycin (4.0 µg/ml).
245126	1 kit	BD BACTEC™ MGIT™ 960 - INH 0.4 Kit
		The INH (Isoniazid) 0.4 Test Kit is intended for the susceptibility testing of *M. tuberculosis* to MOP (Method of Proportion) high concentration of isoniazid (0.4 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE supplements.
245127	1 kit	BD BACTEC™ MGIT™ 960 - EMB 7.5 Kit
		The EMB (Ethambutol) 7.5 Test Kit is intended for the susceptibility testing of *M. tuberculosis* to MOP (Method of Proportion) high concentration of ethambutol (7.5 µg/ml). Carton of 1 lyophilised drug vial and 2 SIRE supplements.
245128	1 kit	BD BACTEC™ MGIT™ 960 - PZA Kit
		The BD BACTEC™ MGIT™ 960 PZA Kit is used for susceptibility testing of Mycobacterium tuberculosis in culture to pyrazinamide (PZA) in a qualitative test lasting 4-17 days. The Kit contains 2 vials of lyophilised antimicrobic and 6 vials of SIRE Supplement. PZA must be reconstituted with 2.5 ml of sterile/deionized water before addition to BBL™ MGIT™ tubes. Carton of 2 lyophilised vials and 6 PZA Supplements, sufficient for 50 tests.

245157	1 kit	BD BACTEC™ MGIT™ 960 - IR Kit
		The INH (Isoniazid) 0.4 Test Kit is intended for the susceptibility testing of *M. tuberculosis* to isoniazid (INH), rifampin (RIF) .
245119	1 kit	BD BACTEC™ MGIT™ 960 - AST SIRE Kit

BD Manual Mycobacteria Testing

BD MicroMGIT Fluorescence Reader & Calibrator

PRODUCT CODE	SIZE	DESCRIPTION
445923	1	MicroMGIT Fluorescence Reader
		The BD BACTEC™ MicroMGIT Fluorescence Reader is used for the qualitative reading of fluorescence in Manual MGIT™ Tubes (4 ml). The reader has a standard 9 volt battery, a low voltage indicator, and dimensions of 9.2 cm x 14.5 cm x 12.0 cm (W x D x H). A calibration tube is included.
441049	1	MicroMGIT Calibrator
		Used for calibration of the BD BACTEC™ - MicroMGIT Fluorescence Reader (Cat. No. 445923).

Manual MGIT™ Tubes & Supplements

PRODUCT CODE	SIZE	DESCRIPTION
245111	25 tubes	BD MGIT™ - Tubes (manual, 4 ml)
245113	100 tubes	The MGIT™ Mycobacteria Growth Indicator Tubes contain 4 ml of Middlebrook 7H9 Broth base with a fluorescent indicator and is intended for the manual detection and recovery of mycobacteria. The broth is contained in a plastic tube with screw-top cap and supplemented with BD MGIT™ OADC enrichment (Cat. No. 245116) and BD MGIT™ PANTA™ antibiotic mixture (Cat. No. 245114). Acceptable specimen types are digested and decontaminated clinical specimens (except urine) and sterile body fluids (except blood). A culture-positive sample is identified by the observation of non-homogenous turbidity or fluorescence, the latter of which is observed using a 365 mm UV transilluminator, a longwave UV light (Wood's lamp) or the BD MicroMGIT Reader.
245114	6 vials	BD MGIT™ - PANTA™ Antibiotic Mixture
		The BD MGIT™ PANTA™ Antibiotic Mixture suppresses growth of contaminating or normal flora, enhancing growth and detection of mycobacteria in BD MGIT™ Tubes. Each vial contains a lyophilised antibiotic mixture of polymyxin B, amphotericin B, nalidixic acid, trimethoprim and azlocillin. Carton of 6 vials, each vial sufficient for 25 BD MGIT™ tubes.
245116	6 vials	BD MGIT™ - OADC Enrichment
		The BD MGIT™ OADC enrichment provides substances essential for the rapid growth of mycobacteria in BD MGIT™ 4 ml Tubes. OADC stands for oleic acid, albumin, dextrose and catalase. 6 ready to use vials containing 15 ml each, sufficient for 25 BD MGIT™ tubes.
245119	6 vials	BD MGIT™ - AST SIRE Testing Kit
		The BD MGIT™ AST SIRE Testing Kit is used for susceptibility testing of Mycobacterium tuberculosis in culture to streptomycin, isoniazid, rifampin and ethambutol (SIRE) in a qualitative test. Carton of 2 vials of each lyophilized antimicrobic (S, I, R, and E) suffi cient for 80 tests.

BD MycoPrep™ Mycobacteria Specimen Digestion & Decontamination

PRODUCT CODE	SIZE	DESCRIPTION
240862	10 x 75 ml	BD MycoPrep™ - Specimen Digestion/Decontamination Kit
240863	10 x 150 ml	This kit contains reagents necessary for the preparation of respiratory and non-respiratory (blood excluded) specimens for identification of mycobacteria. The kit includes bottles of NaOH-citrate solution (containing a plastic ampule with NALC) and powdered phosphate buffer. After activation of the NALC ampule, the NALC-NaOH mixture is stable for 24 hours. This kit should be stored at room temperature. • Cat. No. 240862 contains 5 packages of powdered phosphate buffer (pH 6.8) • Cat. No. 240863 contains 10 packages of powdered phosphate buffer (pH 6.8)

BD BBL™ & BD Difco™ DCM & Enrichments for Mycobacteria Testing

PRODUCT CODE	SIZE	DESCRIPTION
212203	500 g	Middlebrook 7H11 Agar Base
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and non-clinical specimens. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and glycerol must be added to the agar base before use.
262710	500 g	Middlebrook 7H10 Agar
		Used for the isolation, cultivation and susceptibility testing of mycobacteria. Middlebrook OADC Enrichment (Cat. Nos. 211886 or 212240 or 212351) and glycerol must be added; the complete prepared plated medium (with OADC) is available under Cat. No. 254520, Middlebrook and Cohn 7H10 Agar (see prepared media section below).
271310	500 g	Middlebrook 7H9 Broth
		For cultivation of mycobacteria and preparation of tubercle emulsion for susceptibility testing.

BD BBL™ Prepared Media (PPMs & Tubes) for Mycobacteria Testing

PRODUCT CODE	SIZE	DESCRIPTION
221387	10 slants	Lowenstein-Jensen Medium
221388	100 slants	For Semi-Qualitative Catalase Test. Lowenstein-Jensen Medium Deeps contain an enriched eggbased medium and are used for the cultivation of mycobacteria, including *Mycobacterium tuberculosis*. Deeps are tubes of hardened agar medium which are inoculated by "stabbing" the inoculum into the agar. Used for for Semi-Qualitative Catalase Test. 221387 & 221388 are small-size slants. 220908 & 220909 are large-size slants.
220908	10 slants	
220909	100 slants	
220501	10	Lowenstein Jensen with PACT and Glycerol
220502	100	Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of mycobacteria. Tube size A.
221832	10 x 5 ml	Middlebrook 7H9 Broth with Glycerol
		Middlebrook 7H9 Broth with Glycerol is a non-selective liquid culture medium for the cultivation of mycobacteria, including *M. tuberculosis*. It is used primarily for growth of pure cultures of mycobacteria for use in laboratory studies. Prepared tubes, 5 ml.

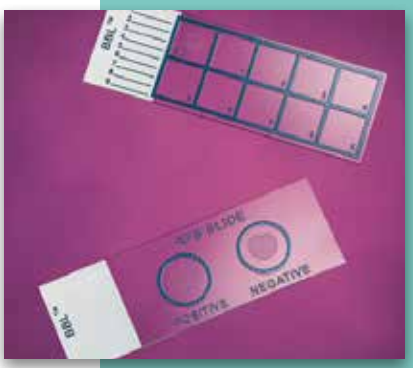
221870	10	Seven H11 Agar (Deep Fill) Plates
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and non-clinical specimens. Prepared Plates, Deep Fill.
254520	20	Middlebrook and Cohn 7H10 Agar Plates
254521	120	Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of mycobacteria.
298292	100	Middlebrook 7H10/7H11 Selective Agar Biplates
		Used in qualitative procedures for isolation and cultivation of mycobacteria, especially *Mycobacterium tuberculosis*, from clinical and non-clinical specimens.
220504	10	Stone Brink TB Medium with PACT
220505	100	Middlebrook 7H10 Agar contains a variety of inorganic salts which provide substances essential for the growth of mycobacteria.

BD Taxo™ Identification & Differentiation of Mycobacteria

PRODUCT CODE	SIZE	DESCRIPTION
231735	50 discs	BD Taxo™ - TB Niacin Test Control
		BD Taxo™ TB Niacin Test Controls are impregnated with nicotinamide and give a positive reaction when tested with a TB Niacin Test Strip. For use with BD Taxo™ TB Niacin Test Strips (Cat. No. 231741). Contains 50 discs per hand-dispensing cartridge, sufficient for 50 tests.
231736	50 discs	BD Taxo™ - INH Test Control
		The BD Taxo™ INH Test Control is an impregnated disc that will yield a positive result in the test procedure. For use with Cat. No. 231743. White, ¼" paper disks with "I" over "C", sufficient for 50 tests.
231741	25 strips	BD Taxo™ - TB Niacin Test Strips
		BD Taxo™ TB Niacin Test Strips assist in the detection of mycobacteria by detecting niacin in culture medium. All mycobacteria produce nicotinic acid, or niacin, which accumulates in culture medium and can be detected using these strips. When BD Taxo™ TB Niacin Test Strips turn yellow, the culture is mycobacteria positive and when no colour appears, the culture is negative. Contains 1 vial with 25 strips, sufficient for 25 tests.
231742	25 strips	BD Taxo™ - Nitrite Test Strips
		BD Taxo™ Nitrite Test Strips are used for differentiation of microorganisms (particularly mycobacteria) based on the reduction of nitrates to nitrites. The nitrate reduction test separates slow growing mycobacteria that are nitrate-positive (e.g., *M. tuberculosis*, *M. kansasii* and *M. fortuitum*) from rapid growers that are negative or only weakly positive (e.g., *M. bovis, M. avium* complex and *M. intracellulare*). The presence of the enzyme nitrate reductase is detected by appearance of a blue-coloured end product on the strip, indicating a positive reaction. Sufficient for 25 tests.
231743	25 strips	BD Taxo™ - INH Test Strips
		BD Taxo™ INH Test Strips are used for the detection of izoniazid (INH) and its metabolites in urine. When INH or its metabolites are present in a urine sample, contact with the BD Taxo™ INH strip will change the strip colour to green, blue or purple. This strip is a modification of Kilburn and Kubica´s procedure for detecting niacin produced by *M. tuberculosis*. White paper strips encased in a plastic tube. Arrows are imprinted on both sides. Sufficient for 25 tests; storage should be at 2-8° C.

BD Mycobacteria Specimen Collection, Processing & Staining

BD BBL™ Accessories & Supplies for Acid-Fast Procedures



PRODUCT CODE	SIZE	DESCRIPTION
231391	50 pcs.	Acid Fast Bacilli (AFB) Quality Control Slide
		The BD BBL™ Acid fast Bacilli (AFB) QC Slides are conventional 1˝ x 3˝ microscope slides imprinted with two circles. One circle is an acid-fast positive control with *Staphylococcus aureus* and *Bacillus subtilis* plus inactivated *Mycobacterium tuberculosis* H37Ra. The other circle is a negative control with an unstained mixture of non-acid-fast cocci (*Staphylococcus aureus*) and bacilli (Bacillus subtilis). AFB Slides, individually wrapped, sufficient for 50 tests.

BD Kinyoun (cold) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
212518	4 x 250 ml	TB Carbolfuchsin KF
		Individual component of the TB Stain Kit K (Cat. No. 212522) for staining mycobacteria by the Kinyoun (cold) acid-fast procedure.
212522	1 kit	TB Stain Kit K
		For staining mycobacteria by the Kinyoun (cold) acid-fast procedure. Each kit contains 1 bottle (250 ml) each of • TB Carbolfuchsin KF • TB Decolouriser • TB Brilliant Green K
212523	4 x 250 ml	TB Brilliant Green K
		Individual component of the TB Stain Kit K (Cat. No. 212522) for staining mycobacteria by the Kinyoun (cold) acid-fast procedures. May be used also for staining mycobacterial by the Ziehl-Neelsen (hot) acid-fast procedures.

BD TB Fluorescent Stain Kits

PRODUCT CODE	SIZE	DESCRIPTION
212519	1 kit	TB Fluorescent Stain Kit M
		For staining mycobacteria by the Morse, Blair, Weiser and Sproat fluorescent procedure. Each kit contains 1 bottle (250 ml) each of • TB Auramine M • TB Decolouriser TM • TB Potassium Permanganate

BD Ziehl-Neelsen (hot) Acid-Fast Procedure

PRODUCT CODE	SIZE	DESCRIPTION
212516	4 x 250 ml	TB Methylene Blue
		Individual component of the TB Stain Kit ZN (Cat. No. 212520) for staining mycobacteria by the Ziehl-Neelsen (hot) acid-fast procedure. May also be used for staining mycobacteria by the Kinyoun (cold) acid-fast procedure.
212517	4 x 250 ml	TB Decolouriser
		Individual component of the TB Stain Kit ZN (Cat. No. 212520) and TB Stain Kit K (Cat. No. 212517) for staining mycobacteria by the Kinyoun (cold) and Ziehl-Neelsen (hot) acid-fast procedures.

MTB Complex / Non-MTB Complex Assay

PRODUCT CODE	SIZE	DESCRIPTION
245159	25 tests	TBc Identification Test
		The BD MGIT™ TBc Identification Test (TBc ID) is a rapid chromatographic immunoassay for the qualitative detection of *Mycobacterium tuberculosis* complex (MTbc) antigen from AFB smear-positive BD MGIT™ tubes. The device will detect the following species of the MTbc: *M. tuberculosis, M. bovis, M. africanum,* and *M. microti.*

Research & Veterinary Supplies

Intramedic™ PE Tubing and Adapters

Intramedic™ Polyethylene Tubing (Non-Sterile)* 170

Intramedic™ Polyethylene Tubing (Non-Sterile)* 170

Intramedic™ Luer-Stub Adapters (Sterile)* 171

Autoclip™ Wound Clip System

Autoclip™ Wound Clips, Appliers and Removers* 171

Cytological Fixitive

SprayCyte™ Cytological Fixitive* 171

Intramedic™ PE Tubing and Adapters

Polyethylene tubing is flexible, but rigid enough for applications using vacuum and pressure. Polyethylene contains no additives or plasticisers. Nonsterile, nonradiopaque, and non-tissue-reactive. Waxy white, translucent, tasteless, odorless. Durable over a wide temperature range, up to 104°C (219°F).

Intramedic™ Polyethylene Tubing (Non-Sterile)*

PRODUCT CODE	COIL LENGTH	INTERNAL DIAMETER	EXTERNAL DIAMETER	WALL THICKNESS	DESCRIPTION
427401	100 feet	0.011 in	0.024 in	0.007 in	(PE 10) 100′
427406	100 feet	0.015 in	0.043 in	0.014 in	(PE 20) 100
427411	100 feet	0.023 in	0.038 in	0.008 in	(PE 50) 100′
427416	100 feet	0.030 in	0.048 in	0.009 in	(PE 60) 100
427421	100 feet	0.034 in	0.050 in	0.008 in	(PE 90) 100′
427426	100 feet	0.034 in	0.060 in	0.013 in	(PE 100) 100
427431	100 feet	0.045 in	0.062 in	0.009 in	(PE 160) 100′
427436	100 feet	0.047 in	0.067 in	0.010 in	(PE 190) 100′
427400	10 feet	0.011 in	0.024 in	0.007 in	(PE 10) 10
427405	10 feet	0.015 in	0.043 in	0.014 in	(PE 20) 10
427410	10 feet	0.023 in	0.038 in	0.008 in	(PE 50) 10′
427415	10 feet	0.030 in	0.048 in	0.009 in	(PE 60) 10
427420	10 feet	0.034 in	0.050 in	0.008 in	(PE 90) 10′
427425	10 feet	0.034 in	0.060 in	0.013 in	(PE 100) 10
427430	10 feet	0.045 in	0.062 in	0.009 in	(PE 160) 10
427435	10 feet	0.047 in	0.067 in	0.010 in	(PE 190) 10′
427440	10 feet	0.055 in	0.075 in	0.010 in	(PE 200) 10′
427445	10 feet	0.062 in	0.082 in	0.010 in	(PE 205) 10′
427450	10 feet	0.066 in	0.095 in	0.015 in	(PE 240) 10′
427441	100 feet	0.055 in.	0.075 in.	0.010 in	(PE 200) 100′
427446	100 feet	0.062 in.	0.082 in.	0.010 in	(PE 205) 100′
427451	100 feet	0.066 in.	0.095 in.	0.010 in	(PE 240) 100

Intramedic™ Polyethylene Tubing (Non-Sterile)*

PRODUCT CODE	COIL LENGTH	INTERNAL DIAMETER	EXTERNAL DIAMETER	WALL THICKNESS	DESCRIPTION
427517	36 in	0.023 in	0.038 in	0.008 in	(PE 50) 36″
427519	36 in	0.034 in	0.050 in	0.008 in	(PE 90 36′

* Please note these products are not CE-marked and therefore are sold for research and veterinary use ONLY. These products cannot be used for clinical or diagnostic purposes.

427529	36 in	0.066 in	0.095 in	0.015 in	(PE 240) 36′
427519	12 in	0.023 in	0.038 in	0.008 in	(PE 50) 12″
427516	12 in	0.023 in	0.038 in	0.010 in	(PE 50) 100′

Intramedic™ Luer-Stub Adapters (Sterile)*

PRODUCT CODE	SIZE	GAGUE SIZE	FITS TUBING	DESCRIPTION
427560	100	15-gague	PE 240	Intramedic™ 15-gague Luer-Stub Adapter
427561	100	16-gague	PE 205	Intramedic™ 16-gague Luer-Stub Adapter
427562	100	17-gague	PE 200	Intramedic™ 17-gague Luer-Stub Adapter
427563	100	18-gague	PE 160 & 190	Intramedic™ 18-gague Luer-Stub Adapter
427564	100	20-gague	PE 90 & 100	Intramedic™ 20-gague Luer-Stub Adapter
427565	100	23-gague	PE 50	Intramedic™ 23-gague Luer-Stub Adapter

Autoclip™ Wound Clip System

Rapid, simple method for wound closure, providing maximum hold with minimum trauma. Non-sterile but all parts may be autoclaved

Autoclip™ Wound Clips, Appliers and Removers*

PRODUCT CODE	SIZE	DESCRIPTION
427630	1	Autoclip™ Wound Clip Applier
		Stainless steel applicator for 9 mm wound clips.
427637	1	Autoclip™ Wound Clip Remover
		Stainless steel remover for 9 mm wound clips.
427631	1000	Autoclip™ Wound Clips, 9 mm
		Stainless steel 9 mm wound clips.
427638	1	Autoclip™ Wound Clip Physician's Kit
		Contains wound clip applier, wound clip remover and 100 9 mm wound clips.

Cytological Fixitive

SprayCyte™ Cytological Fixitive*

PRODUCT CODE	SIZE	DESCRIPTION
427180	44 cc	SprayCyte™ Cytological Fixitive
		44 cc / 1.5 oz. For exfoliative cytology.

* Please note these products are not CE-marked and therefore are sold for research and veterinary use ONLY. These products cannot be used for clinical or diagnostic purposes.

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274449	102	281610	40	291274	134	296125	73	299614	62	440451	141
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274520	41	281910	27	291279	135	296264	50	299936	80	440453	142
274610	35	282210	30	291280	135	296266	75	299970	68	440455	142
274620	35	283510	25	291281	135	296398	137	300013	96	440456	142
274710	43	283610	55	291282	135	296510	48	352063	96	440457	142
274720	43	283610	76	291285	136	296589	134	421570	120	440458	142
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275539	102	286220	50	291314	133	297264	79	427415	170	440479	140
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442296	6
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5 PRODUCT REALIZATION

- MANUFACTURING DESCRIPTION

BD SurePath™ Collection Vial Kit 500 is assembled at the Mebane, North Carolina facility. Major manufacturing processes are described in the Figures 1-3 below.
Product is shipped from the Mebane facility to BD distribution facilities, distributors and customers around the world.
The manufacturing, quality assurance (QA) and packaging specifications for each of the BD SurePath™ Collection Vial Kit 500 are contained within controlled documents. The Device History Records (DHRs) referenced below for finished products, include a Bill of Materials (BOM), manufacturing instructions, QA inspection and testing and packaging instructions required to assemble and release products for sale. The DHRs may reference other procedures for detailed work instructions and additional specifications. Purchased kit components have QA specifications provided to suppliers and are subject to incoming inspection.

SAP REF Number	Trade Name	Device History Record
491452	BD SurePath™ Collection Vial Kit 500	491452 – DHR: BD SurePath™ Collection Vial Kit 500

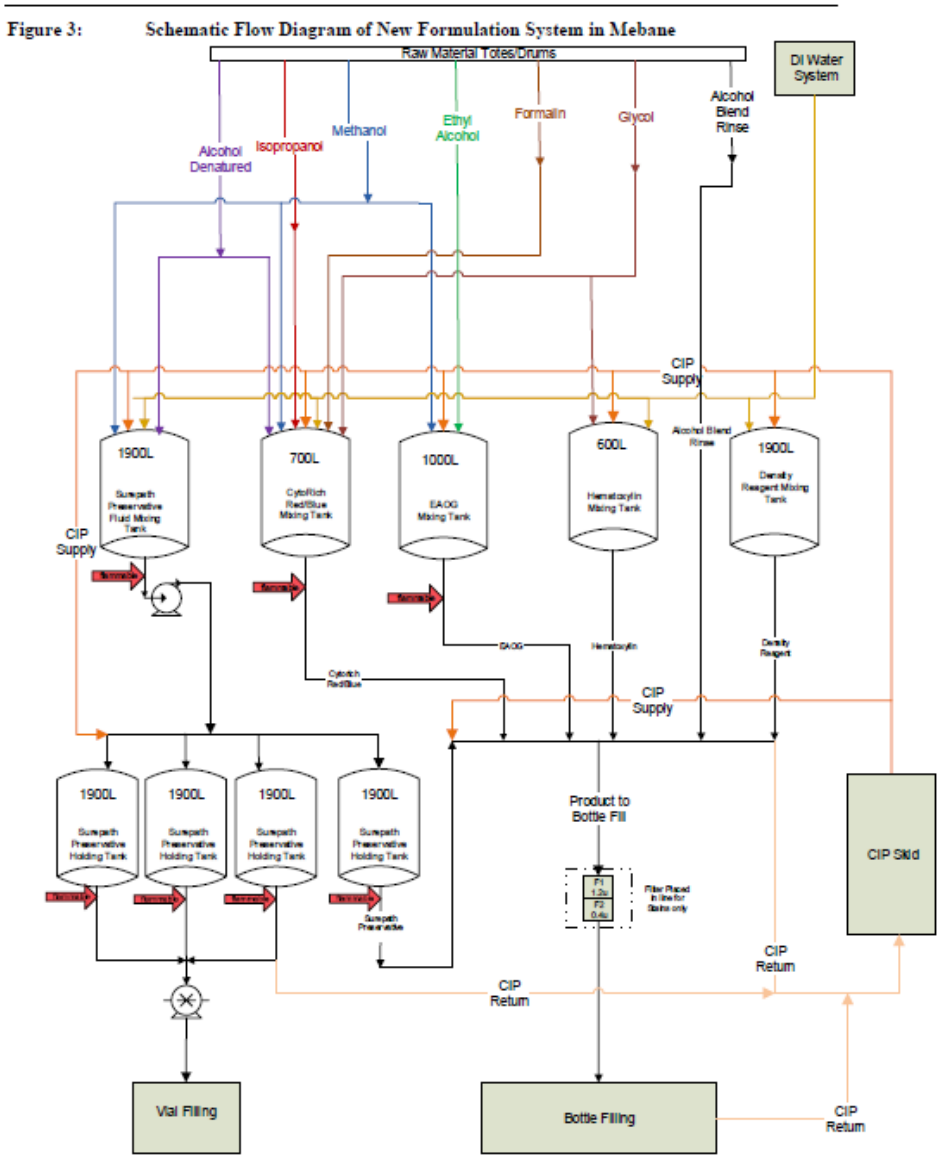

Figure 1: Bulking Manufacturing Process

The formulation system is a closed system with all product contact surfaces constructed of non-reactive 316L stainless steel. Product flow paths are constructed of chemically inert polytetrafluoroethylene (PTFE) and ethylene propylene diene monomer (EPDM) rubber. BD SurePath™ Preservative Fluid, BD Density Reagent, and other BD general purpose reagents will be manufactured using this system, which is located in the Mebane bulk reagent production area. The new formulation system was designed with five (5) 316L stainless steel tanks. Two 1900L tanks are dedicated to production of BD SurePath™ Preservative Fluid and BD Density Reagent. The remaining tanks are used for manufacture of other BD general purpose reagents. Upon completion of a formulation batch, product will be transferred directly to either a hold tank (BD SurePath™ Preservative Fluid) or directly to the bottle filling line. An automated Clean in Place (CIP) skid will be utilized to clean all product contact surfaces prior to subsequent operation.

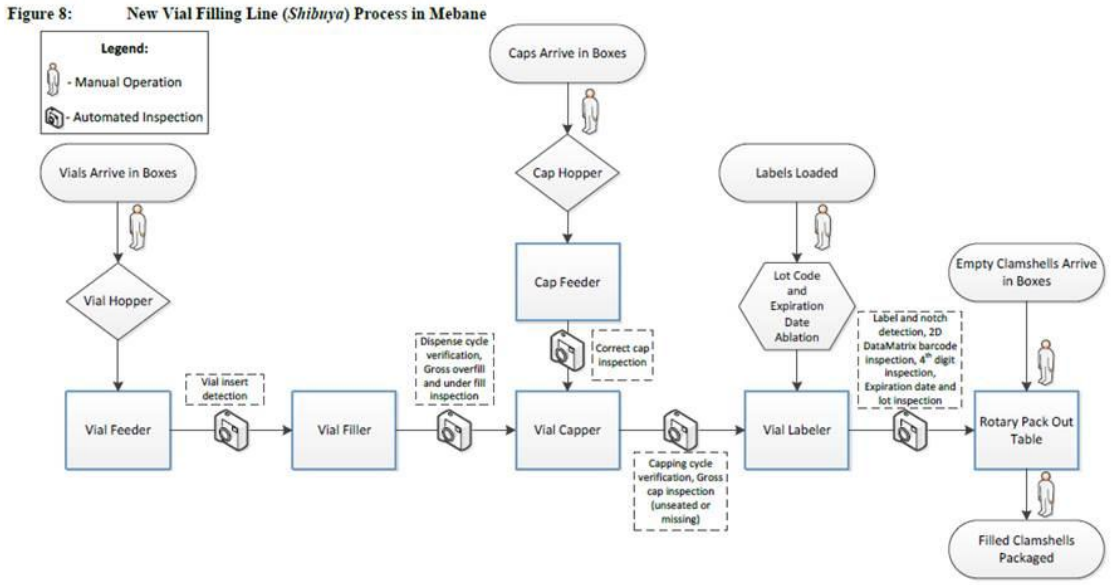

Figure 2: Vial Manufacturing Process

The vial filling line (Shibuya) provides an automated and integrated means of filling, capping, and labeling of Vials. Vials and caps are oriented and fed to a filler/capper mono-block enclosure through guarded pre-feeders.
The vials are filled from eight filling nozzles, with continuous feedback confirmation of fill volume. The caps are applied to filled vials using an eight head rotary servo capper, with 100% confirmation of applied torque. Any vial with inadequate fill volume or cap torque not meeting specification is automatically rejected. Filled and capped vials are oriented and presented to a turret labeler for labeling. Upon depletion of a label roll, a second label head automatically engages. Following application of the vial label, lot number and expiration date are printed on the burn box via CO2 laser. The legibility of the lot number, expiration date code, and label barcode are verified using vision equipment. Discrepant parts are rejected from the line. Conforming filled, capped, and labeled vials progress to a rotary table for manual pack-out into kits.

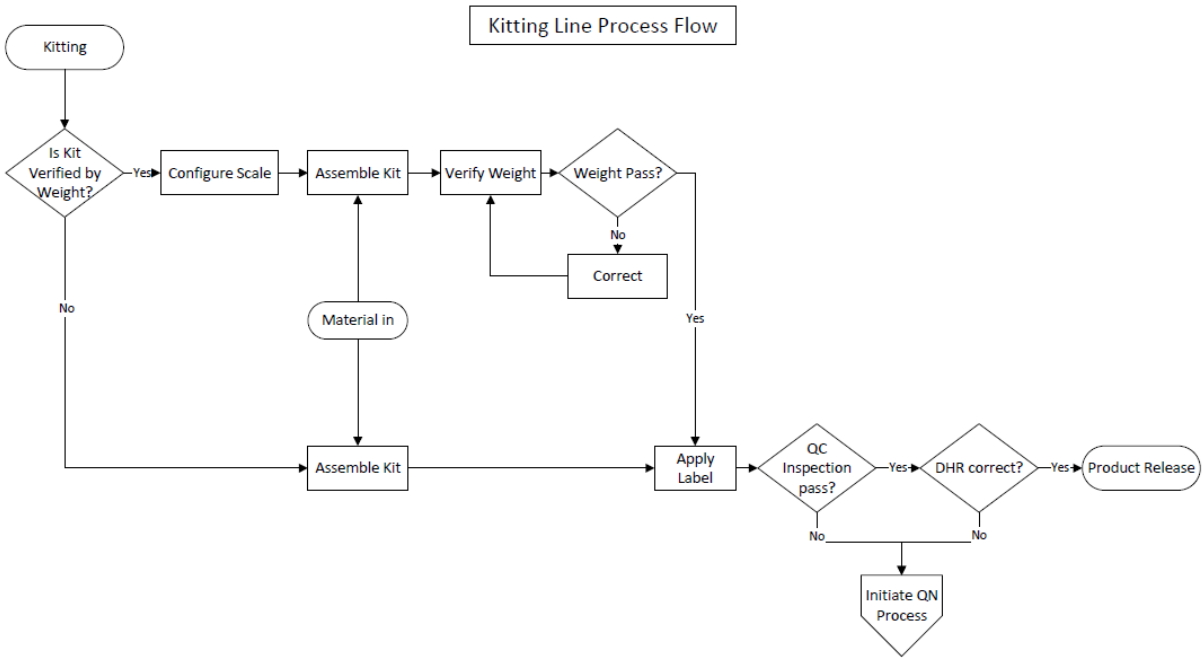

Figure 3: Kitting Manufacturing Process

Semi-finished and finished goods will be manually assembled, packaged, and labeled in the Reagent Kitting area according to the applicable Bill of Materials. Lot-specific information will be printed on the product label and will be manually verified during quality inspection.

- QUALITY CONTROL

Batch release testing is described in the DHR for each product listed in Section 5 “MANUFACTURING DESCRIPTION” of this Technical File.

- ENVIRONMENTAL CONTROLS

Temperature requirements are maintained in areas where materials and products are processed and stored to be between 15 °C and 30 °C.

The humidity requirements for some areas are 20% to 80% RH depending on the area. In the high hazard areas where flammables are processed humidity is maintained above 20% RH. In some areas there are equipment operation requirements of 30% to 70% RH.

- ENVIRONMENTAL COMPLIANCE

Not Applicable; the product (BD SurePath™ Collection Vial Kit 500) described in this Technical File is a reagent and is not an electrical device.

BD PrepStain™ System

500017014(07)
2021-10
Română

REF 491455	REF 491454	REF 491331	REF 491332	REF 491248

UTILIZARE SPECIFICĂ

BD PrepStain™ System (fostul AutoCyte® PREP System) este un proces de pregătire a celulelor în straturi subțiri, pe bază de lichid. BD PrepStain™ System produce lamele pentru BD SurePath™ Liquid-based Pap Test care au ca scop înlocuirea frotiurilor ginecologice Pap convenționale. Lamelele BD SurePath™ Liquid-based Pap Test (cunoscute anterior sub numele de lamele AutoCyte PREP) sunt concepute pentru screeningul și detectarea cancerului de col uterin, a leziunilor precanceroase, a celulelor atipice și a tuturor celorlalte categorii citologice, conform definiției din The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.

BD SurePath™ Preservative Fluid este un mediu corespunzător de recoltare și transport pentru probele ginecologice testate cu BD ProbeTec™ Chlamydia trachomatis (CT) Qx și Neisseria gonorrhoeae (GC) Qx Amplified DNA Assays. Consultați prospectul testului pentru instrucțiuni legate de utilizarea BD SurePath™ Preservative Fluid (Lichid conservant) la pregătirea probelor pentru a fi folosite cu aceste teste.

REZUMAT ȘI EXPLICAȚII

BD PrepStain™ Slide Processor și componentele sistemului transformă o suspensie lichidă a unui eșantion de celule de col uterin într-un strat subțire și omogen de celule, colorat separat, păstrând, în același timp, grupurile de celule de diagnosticare.[2–9] Procesul include conservarea celulelor, randomizarea, îmbogățirea materialului de diagnosticare, pipetarea, sedimentarea, colorarea și acoperirea cu lamele de sticlă pentru a crea o lamelă BD SurePath™ Liquid-based Pap Test, pentru utilizare în screening și clasificare citologică de rutină, conform definiției din sistemul Bethesda.[1] Lamela BD SurePath™ Liquid-based Pap Test prezintă o populație de celule colorate bine conservate, dispuse într-un cerc cu diametrul de 13 mm. Artefactul de uscare în aer, ascunderea, suprapunerea materialului celular și reziduurile sunt eliminate în mare parte. Numărul de leucocite este redus semnificativ, permițând o vizualizare mai ușoară a celulelor epiteliale, a celulelor relevante pentru diagnosticare și a organismelor infecțioase.

Procesul BD SurePath™ începe cu personal medical calificat care utilizează un dispozitiv de recoltare de tip perie (de ex. Rovers® Cervex-Brush®, Rovers Medical Devices B.V., Oss – Olanda) sau o combinație perie/spatulă de plastic endocervicală (de ex., Cytobrush Plus® GT și spatula Pap Perfect®, CooperSurgical Inc., Trumbull, CT) cu cap(ete) detașabil(e) pentru a colecta o probă ginecologică. În loc să întindă celulele colectate de dispozitivele de recoltare pe o lamelă de sticlă, capetele dispozitivelor de recoltare sunt desprinse de mâner și sunt plasate într-o BD SurePath™ Collection Vial care conține 10 ml de BD SurePath™ Preservative Fluid. Flaconul cu capac și etichetă este trimis, împreună cu documentele corespunzătoare, la laborator în vederea procesării. Capetele dispozitivelor de recoltare nu sunt scoase niciodată din fiola de conservant ce conține eșantionul recoltat.

Procesul BD PrepStain™ include următorii pași și componente în ordinea în care ar fi întâlnite pentru procesarea de rutină în laborator:

- Proba conservată este amestecată prin turbionare* pentru a omogeniza proba.
- Pe BD PrepMate™ Automated Accessory, BD Syringing Pipettes transferă și stratifică ușor ~8 ml din proba de celule omogenizate din BD SurePath™ Collection Vial în BD Centrifuge Tubes pre-umplute (manual) cu ~4 ml de BD Density Reagent.
- Se efectuează un proces de îmbogățire a celulelor, constând în două (2) etape de sedimentare prin centrifugare cu gradient de densitate.
  - În prima etapă de centrifugare, proba este trasă prin BD Density Reagent pentru a îndepărta reziduurile inutile pentru diagnosticare și celulele inflamatoare în exces. Supernatantul rezultat este îndepărtat folosind vârfuri BD Aspirator atașate la un sistem de pompă de vid.
  - A doua etapă de centrifugare concentrează materialele celulare de diagnostic în partea de jos a BD Centrifuge Tube pentru a produce o tabletă de celule îmbogățite.
- BD Centrifuge tubes care conțin celulele în tablete sunt plasate pe BD PrepStain™ Slide Processor pentru procesare.
- Instrumentul BD PrepStain™ resuspendă probele de tablete de celule în apă tamponată deionizată (DI) (preparată folosind TRIS Buffer Saline Pack).
- BD Transfer Tips transferă părți alicote ale suspensiilor celulare în BD Settling Chambers corespunzătoare montate pe BD SurePath™ PreCoat Slides pentru a menține lanțul de custodie.
- O perioadă de incubare le permite celulelor din BD Settling Chamber să se așeze pe suprafața BD SurePath™ PreCoat Slide.
- BD PrepStain™ Slide Processor efectuează o secvență de spălări și pași de colorare pentru a colora lamela cu o procedură de colorare Papanicolaou modificată, folosind BD Cytology Stain Kit și BD Alcohol Blend Rinse.
- Lamela este curățată cu xilen sau cu un înlocuitor de xilen și acoperită cu o lamelă de sticlă.
- Celulele, dispuse într-un cerc cu diametrul de 13 mm, sunt examinate la microscop de tehnicieni citologi și patologi calificați, care au acces la alte informații relevante despre pacient.

*Notă: Pentru testarea auxiliară, partea alicotă de maximum 0,5 ml poate fi extrasă după această etapă de centrifugare din lamelele BD SurePath™ Liquid-based Pap Test

LIMITĂRI

- Probele ginecologice pentru preparate utilizând BD PrepStain™ System trebuie colectate utilizând un dispozitiv de recoltare de tip perie sau un dispozitiv combinat perie/spatulă de plastic endocervicală cu cap(ete) detașabil(e), în conformitate cu procedura de recoltare standard furnizată de producător. Nu trebuie utilizate spatule de lemn cu BD PrepStain™ System. Combinațiile perie/spatulă de plastic care nu sunt detașabile nu trebuie utilizate cu BD PrepStain™ System.
- Instruirea de către persoane autorizate reprezintă o condiție prealabilă pentru producerea și evaluarea lamelelor BD SurePath™ Liquid-based Pap Test. Tehnicieni citologi și patologi vor fi instruiți în evaluarea morfologiei pe lamelele BD SurePath™ Liquid-based Pap Test. Instruirea va include o examinare a competenței. Laboratoarele care achiziționează sistemul beneficiază de instruire pentru utilizarea lamelei instrucționale și a seturilor de testare. BD Diagnostics va furniza, de asemenea, asistență la pregătirea lamelelor de instruire din propriile populații de pacienți ai fiecărui client.
- Funcționarea corespunzătoare a BD PrepStain™ System necesită utilizarea exclusiv a acelor consumabile acceptate sau recomandate de BD Diagnostics pentru utilizarea cu BD PrepStain™ System.
- Consumabilele și produsele folosite trebuie eliminate în mod corespunzător, în conformitate cu reglementările instituționale și guvernamentale.
- Toate consumabilele sunt destinate unei singure utilizări și nu pot fi refolosite.
- Un volum de 8,0 ± 0,5 ml de eșantion colectat în BD SurePath™ Collection Vial este necesar pentru lamelele BD SurePath™ Liquid-based Pap Test.

AVERTISMENTE ȘI PRECAUȚII

Probele citologice pot conține agenți infecțioși. Purtați îmbrăcăminte, mănuși și echipamente de protecție pentru ochi/față adecvate. Respectați măsurile de precauție corespunzătoare, privitoare la pericolul biologic, atunci când manevrați probele.

491332 - BD Density Reagent

Conține: Azidă de sodiu (Na(N3))

Atenție

H302 Nociv în caz de înghițire.

P264 Spălați-vă bine după utilizare.

P270 A nu mânca, bea sau fuma în timpul utilizării produsului.

P301+P310 ÎN CAZ DE ÎNGHIȚIRE: Sunați imediat la un CENTRU DE INFORMARE TOXICOLOGICĂ sau un medic.

P330 Clătiți gura.

P405 A se depozita sub cheie.

P501 Aruncați conținutul/recipientul la o instalație adecvată de tratare și eliminare, în conformitate cu legile și reglementările în vigoare și cu caracteristicile produsului în momentul eliminării.

491455 - BD PrepMate™ Consumables Kit

Atenție

H302 Nociv în caz de înghițire.

P270 A nu mânca, bea sau fuma în timpul utilizării produsului.

P264 Spălați-vă bine după utilizare.

P330 Clătiți gura.

P301+P312 ÎN CAZ DE ÎNGHIȚIRE: Sunați la un CENTRU DE INFORMARE TOXICOLOGICĂ/medic, dacă nu vă simțiți bine.

P501 Aruncați conținutul/recipientul la o instalație adecvată de tratare și eliminare, în conformitate cu legile și reglementările în vigoare și cu caracteristicile produsului în momentul eliminării.

PRECAUȚII

- În scopul diagnosticului In Vitro.
- Pentru utilizarea de către personalul de laborator instruit.
- Trebuie urmate bunele practici de laborator și toate procedurile pentru utilizarea BD PrepStain™ System trebuie să fie respectate cu strictețe.
- Reactivii trebuie depozitați la temperatura camerei (15 °C – 30 °C) și utilizați înainte de data expirării pentru a asigura o performanță corespunzătoare. BD SurePath™ Preservative Fluid fără eșantioane citologice se poate depozita timp de maximum 36 de luni de la data fabricației, la temperatura camerei (15 °C – 30 °C). Limita de depozitare pentru BD SurePath™ Preservative Fluid cu eșantioane citologice este de 6 luni la temperaturi scăzute (2 °C – 10 °C) sau de 4 săptămâni la temperatura camerei (15 °C – 30 °C).
- BD SurePath™ Preservative Fluid care conține probă citologică destinată utilizării cu:
  - BD ProbeTec™ CT Qx and GC Qx Amplified DNA Assays pot fi stocate și transportate timp de până la 30 de zile la 2 °C – 30 °C înainte de a fi transferate în Liquid-Based Cytology Specimen (LBC) Dilution Tubes pentru BD ProbeTec™ Qx Amplified DNA Assays.
  - BD Onclarity™ HPV Assay poate fi păstrat la 2 °C – 30 °C timp de până la 30 de zile, la 2 °C – 8 °C timp de 180 de zile sau la -20 °C timp de 180 de zile înainte de a fi transferat în BD Onclarity™ HPV LBC Diluent tube. Consultați etichetarea BD SurePath™ Preservative Fluid Collection Vial pentru cerințele de depozitare înainte de procesarea citologiei. După realizarea transferului într-un flacon BD Onclarity™ HPV LBC Diluent tube, proba diluată poate fi depozitată la 2 °C – 30 °C timp de maximum 15 zile sau până la 90 de zile dacă este depozitată la -20 °C.
- Evitați împroșcarea sau generarea de aerosoli. Operatorii trebuie să folosească protecție adecvată pentru mâini, ochi și îmbrăcăminte de protecție corespunzătoare. BD SurePath™ Preservative Fluid a fost testat pentru eficacitatea antimicrobiană împotriva: *Escherichia coli*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Candida albicans*, *Mycobacterium tuberculosis* și *Aspergillus niger*, stabilindu-se că este eficient. Probele BD SurePath™ Preservative inoculate cu 10^6 CFU/ml din fiecare specie nu au prezentat nicio creștere după 14 zile (28 de zile pentru *Mycobacterium tuberculosis*) de incubație în condiții standard. Cu toate acestea, trebuie luate întotdeauna măsuri de precauție universale pentru manipularea în siguranță a lichidelor biologice.
- Nerespectarea procedurilor recomandate, așa cum sunt prezentate în Manualul operatorului BD PrepStain™ System, poate compromite performanța.
- BD Density Reagent este un filtru de centrifugare cu gradient de mediu lichid compus dintr-o soluție de polizaharidă cu 0,1% azidă de sodiu adăugată sub formă de conservant și care nu conține ingrediente active de testare. Materialul este stabil în condiții normale de temperatură și utilizare recomandată. Precauții pentru a evita expunerea la temperaturi ridicate, lumina directă a soarelui și oxidanți puternici. Pentru rezultate optime de testare, după depunerea unui strat de probă pe reactivul de densitate din BD PrepMate™ Automated Accessory, probele trebuie centrifugate, iar supranatantul trebuie aspirat în interval de 30 de minute.
- Precauții la manipularea lamelor BD SurePath™ PreCoat Slides și a lamelelor de acoperire microscopice de sticlă pentru a preveni spargerea, care poate produce fragmente de sticlă care pot provoca lacerații utilizatorului.
- Eliminați la deșeuri toți reactivii utilizați și orice alte materiale de unică folosință contaminate, urmând procedurile utilizate pentru materialele infecțioase sau potențial infecțioase. Fiecare laborator are responsabilitatea de a gestiona deșeurile solide și lichide în funcție de natura și gradul de pericol al acestora, tratându-le și eliminându-le (sau asigurând tratarea și eliminarea acestora) în conformitate cu orice reglementări aplicabile.

EXTRAGERE OPȚIONALĂ A PĂRȚII ALICOTE

- În BD SurePath™ Collection Vial există suficient volum pentru a permite extragerea a maximum 0,5 ml de amestec omogen de celule și lichid pentru testare auxiliară, înainte de BD SurePath™ Liquid-based Pap Test, rămânând un volum suficient și pentru testarea Pap.
- Deși nu există nicio dovadă a faptului că extragerea unei părți alicote din BD SurePath™ Collection Vial afectează calitatea probei pentru testarea citologică, pot apărea cazuri rare de alocare greșită a materialului de diagnosticare corespunzător în cadrul acestui proces. Este posibil ca personalul medical să fie nevoit să obțină o probă nouă, dacă rezultatele nu se corelează cu istoricul clinic al pacientului. În plus, citologia abordează probleme clinice diferite decât testarea pentru boli cu transmitere sexuală (BTS); prin urmare, este posibil ca extragerea părții alicote să nu fie o practică potrivită pentru toate situațiile clinice. Dacă este necesar, se poate colecta o probă separată pentru testarea BTS, în loc să se extragă o parte alicotă din BD SurePath™ Collection Vial.
- Extragerea părții alicote din probe cu compoziție celulară redusă poate lăsa material insuficient în BD SurePath™ Collection Vial pentru pregătirea unui BD SurePath™ Liquid-based Pap Test satisfăcător.
- Partea alicotă trebuie extrasă înainte de procesarea BD SurePath™ Liquid-based Pap Test. O singură parte alicotă se poate extrage din BD SurePath™ Collection Vial înainte de efectuarea BD SurePath™ Liquid-based Pap Test, indiferent de volumul părții alicote.

Procedura

1. Pentru a asigura un amestec omogen, BD SurePath™ Collection Vial trebuie centrifugată timp de 10–20 de secunde, iar partea alicotă de 0,5 ml trebuie extrasă în maximum un minut de la centrifugare.
2. Pentru extragerea părții alicote trebuie utilizat un vârf de pipetă cu barieră de aerosoli din polipropilenă, dimensionat în mod corespunzător pentru volumul extras. *Notă:* nu trebuie utilizate pipete serologice. Trebuie respectate bunele practici de laborator pentru a evita introducerea de contaminanți în BD SurePath™ Collection Vial sau în partea alicotă. Extragerea părții alicote trebuie să se facă într-o locație adecvată, în afara zonei în care se execută amplificarea.

3. Verificați vizual materialul părții alicote din pipetă pentru a detecta particule mari sau semisolide. Prezența unor astfel de materiale în timpul extragerii materialului părții alicote necesită returnarea întregului material în fiola cu probă și descalificarea probei respective pentru testare auxiliară, înainte de efectuarea testului Pap.
4. Pentru instrucțiuni legate de procesarea părții alicote utilizând BD ProbeTec™ CT Q^x and GC Q^x Amplified DNA Assays, consultați prospectul testului furnizat de producător.

DEPOZITARE

BD SurePath™ Preservative Fluid fără eșantioane citologice se poate depozita timp de maximum 36 de luni de la data fabricației, la temperatura camerei (15 °C – 30 °C).

Limita de depozitare pentru BD SurePath™ Preservative Fluid cu eșantioane citologice este de 6 luni la temperaturi scăzute (2 °C – 10 °C) sau de 4 săptămâni la temperatura camerei (15 °C – 30 °C).

BD SurePath™ Preservative Fluid conținând eșantion citologic destinat utilizării cu BD ProbeTec™ CT Q^x și GC Q^x Amplified DNA Assays poate fi depozitat și transportat timp de maximum 30 de zile la 2 °C – 30 °C, înainte de transferarea în Liquid-based Cytology Specimen (LBC) Dilution Tubes pentru BD ProbeTec™ Q^x Amplified DNA Assays.

MATERIALE NECESARE

Consultați Manualul operatorului pentru BD PrepStain™ Slide Processor pentru informații complete privitoare la reactivi, componente și accesorii. Nu toate materialele enumerate mai jos sunt necesare pentru pregătirea manuală a BD SurePath™ Slides (fără utilizarea BD PrepStain™ Slide Processor).

Materiale furnizate

Pentru mai multe informații despre materialele furnizate, consultați prospectele de produs respective.

- BD PrepStain™ Slide Processor
- BD PrepMate™ Automated Accessory
- BD SurePath™ Collection Vial (include BD SurePath™ Preservative Fluid)
- Dispozitiv(e) de recoltare cervicală cu cap(ete) detașabil(e)
- BD Cytology Stain Kit
- BD PrepMate™ Consumables Kit
  - 480 BD Centrifuge Tubes
  - 480 BD Pipette Syringes
  - 480 BD Aspirator Tips
  - BD Density Reagent 480 ml
- BD PrepStain™ Consumables Kit
  - 480 BD Settling Chambers
  - 480 BD SurePath™ PreCoat Slides
  - 480 BD Transfer Tips
- BD Manual Method Kit
  - 480 BD Settling Chambers
  - 480 BD SurePath™ PreCoat Slides
- BD Alcohol Blend Rinse
- Tris Buffered Saline Pack (pachet de soluție salină tamponată), pH: 8,0

Materiale necesare, dar nefurnizate

- Mixer de centrifugare
- Apă deionizată (pH între 7,5 și 8,5)
- Agent de curățare, mediu de montare și lamele de acoperire din sticlă

INTERPRETAREA PENTRU DIAGNOSTICARE ȘI CARACTERUL ADECVAT AL PREPARATULUI

După instruirea utilizatorilor autorizați de BD Diagnostics cu privire la BD PrepStain™ System și la morfologia lamelor BD SurePath™ Liquid-based Pap Test, înainte de screeningul și evaluarea lamelor. Criteriile de diagnosticare citologică ale Sistemului Bethesda utilizate în prezent în laboratoarele de citologie pentru frotiurile Papanicolau convenționale sunt aplicabile lamelor BD SurePath™ Liquid-based Pap Test Slides.[1] Orientările recomandate în Sistemul de raportare Bethesda 2001 se adresează preparatelor pe bază de lichid și definesc modul de determinare a celularității adecvate în mod specific pentru aceste preparate.

În absența celulelor anormale, un preparat este considerat nesatisfăcător dacă una sau mai multe dintre următoarele condiții sunt prezente:

(1) Numere neadecvate de celule de diagnosticare (mai puțin de 5.000 de celule epiteliale scuamoase per preparat). Procedurile recomandate pentru estimarea numărului de celule epiteliale scuamoase bine conservate pe lamelele BD SurePath™ Liquid-based Pap Test slides sunt următoarele:
   - Pentru fiecare model de microscop utilizat la screening, studiați manualul pentru microscop al producătorului sau contactați producătorul microscopului pentru a determina aria câmpului vizual utilizând ocularul preferat și obiectivul 40x. În mod alternativ, calculați Aria câmpului utilizând un hemocitometru sau o scală similară de măsurare a lamelelor microscopice (Aria câmpului = πr^2, unde r este raza câmpului).

- Numărul mediu minim de celule per câmp de obiectiv 40x trebuie determinat prin împărțirea ariei aproximative de depunere a celulelor de 130 mm^2 a lamelei BD SurePath™ Liquid-based Pap Test slide la aria câmpului pentru microscopul respectiv. Numărul rezultat este împărțit apoi la numărul minim de celule de 5.000. Numărul rezultat reprezintă numărul acceptabil mediu minim recomandat pentru celule epiteliale în câmpul vizual al unui obiectiv 40x. Înregistrați acest număr și păstrați-l pentru referința de rutină a tehnicianului citolog. Îndrumările Bethesda 2001 ce indică numărul aproximativ de celule per câmp pentru un preparat de 13 mm.
- Trebuie numărate cel puțin zece câmpuri pe orizontală sau pe verticală, de-a lungul centrului diametrului preparatului.
- Ca mijloc practic de evaluare a compoziției celulare, evaluarea macroscopică a densității vizuale a preparatului colorat poate fi utilizată pentru a verifica dacă producerea preparatelor este adecvată. În orice caz, nu există înlocuitor pentru evaluarea microscopică primară de către tehnicianul citolog în timpul procesului de screening.

(2) Cel puțin 75% din componentele celulare sunt mascate de inflamare, sânge, bacterii, mucus sau artefacte ce împiedică interpretarea citologică a lamelei.

Orice observații de screening anormal sau îndoielnic trebuie adresate unui patolog pentru examinare și diagnosticare. Patologul trebuie să noteze orice modificare morfologică celulară importantă din punct de vedere al diagnosticului.

CARACTERISTICI DE PERFORMANȚĂ: RAPORT AL STUDIILOR CLINICE

Primul studiu eșantion împărțit

BD Diagnostics (fostă TriPath Imaging) a efectuat o investigație clinică în perspectivă, mascată, pe eșantion împărțit, cu pereche identică în mai multe centre pentru a compara rezultatele de diagnosticare ale lamelelor BD SurePath™ Liquid-based Pap Test slides produse de BD PrepStain™ System cu frotiurile Pap pregătite în mod convențional. Obiectivul studiului a fost de a evalua performanța BD SurePath™ Liquid-based Pap Test în comparație cu frotiul Pap convențional pentru detectarea cancerului de col uterin, a leziunilor precanceroase, a celulelor atipice în diverse populații de pacienți și scenarii de laborator. A fost evaluat, de asemenea, caracterul adecvat pentru ambele preparate.

Respectând recomandările documentului FDA „Points to consider” pentru Cervical Cytology Devices[10], fiecare frotiu Pap convențional a fost pregătit mai întâi, apoi proba reziduală rămasă pe dispozitivul de recoltare de tip perie a fost depusă în BD SurePath™ Collection Vial.

După transportarea la laborator, fiecare suspensie de celule conservată a fost procesată în conformitate cu protocolul BD PrepStain™ System. Lamela BD SurePath™ Liquid-based Pap Test rezultată și lamela corespunzătoare de frotiu Pap convențional au fost triate manual și diagnosticate independent utilizând categorii de diagnosticare compatibile cu Sistemul Bethesda. La fiecare centru, un patolog a evaluat toate lamelele anormale.

În conformitate cu metoda descrisă de Shatzkin[11], acest studiu a utilizat un patolog de referință independent la un centru de referință desemnat, care a examinat toate cazurile anormale și discrepante, cazurile de reparare și 5% din cazurile normale de la toate centrele, în mod mascat, pentru a furniza „adevărul” despre diagnosticare pentru fiecare caz în parte.

Caracteristicile pacienților

Vârsta femeilor din cadrul studiului a variat de la 16 la 87 de ani, 772 fiind după menopauză. Din cele 8.807 paciente reprezentate în studiu, 1.059 prezentau un istoric de frotiuri Pap anormale anterioare. Întreaga populație de pacienți studiată a fost formată din următoarele grupe rasiale: caucaziană (44%), neagră (30%), asiatică (12%), hispanică (10%), indigenă americană (3%) și altele (1%).

S-au exclus cazurile cu documente incorecte, pacientele sub 16 ani, pacientele cu histerectomie și probele nesatisfăcătoare și neadecvate din punct de vedere citologic. S-a făcut un efort de a include cât mai multe cazuri de cancer de col uterin și boli pre-canceroase posibile prin accesarea pacientelor cu risc ridicat, triate cu frecvență redusă și recomandate.

Dintr-un total de 10.335 de cazuri, 9.046 au fost acceptate și evaluate în opt centre de studiu diferite. Din cele 9.046 de cazuri, 8.807 au îndeplinit cerințele Sistemului Bethesda pentru caracterul adecvat al preparatului și au fost disponibile pentru diagnosticarea completă ale ambelor preparate.

Rezultatele studiului

Scopul studiului clinic a fost de a compara performanța lamelelor BD SurePath™ Liquid-based Pap Test produse de BD PrepStain™ System cu cea a frotiurilor Pap pregătite în mod convențional. Lamelele pentru ambele tipuri de pregătire au fost clasificate în conformitate cu criteriile Sistemului Bethesda. Protocolul studiului a înclinat în favoarea frotiului Pap convențional, deoarece întotdeauna a fost pregătit mai întâi un frotiu Pap convențional, limitând, astfel, lamela BD SurePath™ Liquid-based Pap Test la materialul rezidual rămas pe dispozitivul de tip perie (partea eșantionului care ar fi fost aruncată în mod normal).[12] Utilizarea specifică a BD SurePath™ Liquid-based Pap Test este aplicarea direct în flacon, prin care toate celulele colectate vor fi disponibile pe BD PrepStain™ System.

Pentru a compara sensibilitățile lamelelor BD SurePath™ Liquid-based Pap Test și ale celor cu frotiu Pap convenționale la citirea manuală, nivelul de anormalitate pentru cazuri a fost determinat de către patologul de referință și comparat cu diagnosticele realizate de centrele de studiu. Diagnosticul de referință s-a bazat pe cel mai anormal diagnostic al pregătirii oricăreia dintre lamele, stabilit de către patologul de referință independent. Rezultatul a fost utilizat drept diagnostic de „adevăr” sau valoare de referință pentru compararea rezultatelor centrelor ce utilizează preparate ale lamelelor BD SurePath™ Liquid-based Pap Test cu BD PrepStain™ System în raport cu pregătirea frotiului Pap convențional. Ipoteza nulă că sensibilitățile celor două metode de pregătire a lamelelor sunt echivalente a fost testată utilizând testul chi-pătrat McNemar pentru datele pereche.[13] În acest test statistic, au fost analizate rezultatele discrepante pentru cele două metode de pregătire.

Tabelul 1 prezintă o comparație directă a rezultatelor tuturor centrelor pentru lamelele BD SurePath™ Liquid-based Pap Test față de lamelele convenționale pentru categoriile de tratament de diagnostic În limite normale (WNL), Celule scuamoase de semnificație nedeterminată/Celule glandulare de semnificație nedeterminată (ASCUS/AGUS), Leziuni interepiteliale scuamoase de grad scăzut (LSIL), Leziuni interepiteliale scuamoase de grad ridicat (HSIL) și Cancer (CA).

Tabelul 1 Primul studiu – eșantion împărțit: 8.807 de eșantioane pereche – Comparare rezultate centre – Fără patolog de referință

		Rezultate pe centru						
Centru nr.	**Tip lamelă**	**WNL**	**ASCUS**	**AGUS**	**LSIL**	**HSIL**	**CA**	**Total**
1	SP	873	56	2	42	5	0	978
	CN	881	46	2	29	20	0	978
2	SP	1.514	47	4	81	24	0	1.670
	CN	1.560	33	6	40	31	0	1.670
3	SP	668	15	1	13	7	0	704
	CN	673	11	0	13	6	1	704
4	SP	1.302	60	2	19	5	0	1.388
	CN	1.326	37	2	19	4	0	1.388
5	SP	465	25	1	5	1	0	497
	CN	444	45	1	4	3	0	497
6	SP	1.272	179	6	83	35	1	1.576
	CN	1.258	209	9	68	30	2	1.576
7	SP	438	66	17	13	14	23	571
	CN	417	93	19	4	22	16	571
8	SP	1.227	61	3	86	44	2	1.423
	CN	1.209	57	0	94	61	2	1.423
Total	SP	7.759	509	36	342	135	26	8.807
	CN	7.768	531	39	271	177	21	8.807

SP = BD SurePath™
CN = Convențional

Tabelul 2 prezintă o comparație directă a tuturor rezultatelor centrului pentru metoda de preparare BD SurePath™ față de prepararea convențională pentru frotiu Papanicolau pentru toate categoriile de tratament de diagnostic.

Tabelul 2 Primul studiu eșantion împărțit: 8.807 de eșantioane pereche – Comparare rezultate toate centrele – Fără patolog de referință

		Frotiu Pap pregătit în mod convențional						
		WNL	**ASCUS**	**AGUS**	**LSIL**	**HSIL**	**CA**	**Total**
BD PrepStain™ Prepared BD SurePath™	**WNL**	7.290	361	20	63	24	1	7.759
	ASCUS	343	101	4	44	15	2	509
	AGUS	26	6	4	0	0	0	36
	LSIL	87	52	2	147	53	1	342
	HSIL	20	10	7	17	79	2	135
	CA	2	1	2	0	6	15	26
	Total	7.768	531	39	271	177	21	8.807

În Tabelul 1 sau Tabelul 2 nu este reflectat niciun rezultat al patologului de referință.

Tabelul 3 Primul studiu eșantion împărțit: Compararea rezultatelor tuturor centrelor pentru cazurile desemnate prin metoda de referință ca fiind ASCUS/AGUS – Analiza erorilor discordante

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**Succes**	113	205	318
	Eroare	180	229	409
		293	434	727

Succes = ASCUS/AGUS
Eroare = WNL și Reactiv/Corectiv
Rezultatele testului McNemar: X^2 mc = 1,62, p = 0,2026
Erori Convențional: 205
Erori BD SurePath™: 180

Tabelul 3 prezintă rezultatele pentru cazurile identificate de patologul de referință ca fiind ASCUS sau AGUS. Această evaluare permite analiza erorilor discordante pentru a evalua sensibilitatea metodelor în designul studiului cu eșantion împărțit. Erorile includ WNL și Reactiv/Corectiv. Deoarece valoarea p determinată prin testul McNemar a depășit 0,05, rezultatele BD SurePath™ și ale frotiului Pap convențional au fost echivalente.

Tabelul 4 Primul studiu eșantion împărțit: Compararea rezultatelor tuturor centrelor pentru cazurile desemnate prin metoda de referință ca fiind LSIL – Analiza erorilor discordante

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**Succes**	140	63	203
	Eroare	54	86	140
		194	149	343

Succes = LSIL
Eroare = WNL, Reactiv/Corectiv și ASCUS/AGUS
Rezultatele testului McNemar: X^2 mc = 0,69, p = 0,4054
Erori Convențional: 63
Erori BD SurePath™: 54

Tabelul 4 prezintă rezultatele pentru cazurile identificate de patologul de referință ca fiind LSIL. Erorile includ WNL, Reactiv/Corectiv și ASCUS/AGUS. Ca și în cazul ASCUS/AGUS, sensibilitatea celor două metode din studiul cu eșantion împărțit a fost echivalentă din punct de vedere statistic, cu o valoare p mai mare de 0,05.

Tabelul 5 Primul studiu eșantion împărțit: Compararea rezultatelor tuturor centrelor pentru cazurile desemnate prin metoda de referință ca fiind HSIL+ Analiza erorilor discordante (LSIL nu este eroare)

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**Succes**	160	28	188
	Eroare	36	38	74
		196	66	262

Succes = HSIL+
Eroare = WNL, Reactiv/Corectiv și ASCUS/AGUS
Rezultatele testului McNemar: X^2 mc = 1,00, p = 0,3173
Erori Convențional: 28
Erori BD SurePath™: 36

Tabelul 5 prezintă rezultatele pentru cazurile identificate de patologul de referință ca fiind HSIL+. În această comparație, LSIL nu a fost considerată eroare, ci discrepanță.[10,14,15] Eroarea include WNL, Reactiv/Corectiv și ASCUS/AGUS. Analiza sensibilității erorilor discordante a demonstrat echivalența statistică a metodelor din studiul cu eșantion împărțit.

Tabelul 6 Primul studiu eșantion împărțit: Analiza erorilor discordante pentru cazuri de cancer (HSIL nu este eroare; LSIL este considerat eroare)

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**Succes**	19	2	21
	Eroare	5	1	6
		24	3	27

Succes = Cancer
Eroare = WNL, Reactiv/Corectiv ASCUS/AGUS și LSIL
Rezultatele testului McNemar: X^2 mc = 1,645, p = 0,1980
Erori Convențional: 2
Erori BD SurePath™: 5

Tabelul 6 prezintă rezultatele (toate centrele) pentru cazurile apreciate ca fiind cancer prin metoda de referință. Erorile includ WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL. Analiza sensibilității erorilor discordante a demonstrat echivalența statistică a metodelor. Aceste 27 de cazuri de cancer au fost incluse în studiul de reevaluare. Aceste date pot fi găsite în Tabelul 9.

Tabelul 7 Primul studiu eșantion împărțit: Compararea rezultatelor tuturor centrelor pentru cazurile desemnate prin metoda de referință ca fiind HSIL+ Analiza erorilor discordante (LSIL a fost considerată eroare în această analiză)

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**Succes**	94	33	127
	Eroare	67	68	135
		161	101	262

Succes = (HSIL+)
Eroare = WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL
Rezultatele testului McNemar: **X^2 mc = 11,56, p = 0,0007**
Erori Convențional: **33**
Erori BD SurePath™: **67**

Tabelul 7 prezintă rezultatele pentru cazurile identificate de patologul de referință ca fiind HSIL+. Eroarea include WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL. Deși nu este în conformitate cu protocolul original al studiului[10], a fost făcută o comparație statistică a metodelor, unde LSIL a fost considerată eroare de diagnostic față de un caz care a fost determinat ca fiind HSIL+ de către patologul de referință independent. În această comparație statistică a sensibilităților de diagnostic, când LSIL este considerată eroare, spre deosebire de o discrepanță minoră, lamelele BD SurePath™ Liquid-based Pap Test pregătite de BD PrepStain™ System nu vor fi echivalente cu frotiul Pap pregătit în mod convențional pentru detectarea anormalității HSIL+ în studiul cu eșantion împărțit.

REEVALUAREA MASCATĂ A CAZURILOR HSIL+

S-a efectuat o nouă evaluare pentru a stabili dacă rezultatele au fost afectate de calitatea preparatului sau de subiectivitatea la interpretare. Pentru a evalua cele 262 de cazuri diagnosticate ca HSIL+ în studiul inițial (Tabelul 7), a fost efectuată o evaluare suplimentară după implementarea unui nou program de instruire pentru profesioniști în citologie, destinat scoaterii în evidență a interpretării consecvente între grupurile de diagnostic ale Sistemului Bethesda. Aceste cazuri HSIL+ au fost re-mascate ca parte a unei reevaluări constând dintr-un total de 2.438 de probe pregătite utilizând același protocol cu eșantion împărțit. Rezultatele centrelor de studiu pentru cele două preparate au fost apoi comparate cu o nouă valoare de referință care a necesitat acordul a cel puțin doi din trei patologi de referință independenți cu privire la cel mai anormal diagnostic citologic.

În procesul de referință pentru reevaluare, ambele preparate de lamele din cazurile discordante (lamele BD SurePath™ Liquid-based Pap Test pregătite cu BD PrepStain™ și lamele pregătite în mod convențional) au fost triate din nou de un al doilea tehnician citolog, iar anomaliile nou identificate au fost adăugate la cele din screeningul inițial. Trei cito-patologi de referință au evaluat toate cazurile discordante utilizând un protocol mascat. Această metodă de referință mai stringentă a redus numărul cazurilor de referință HSIL+ de la 262 în studiul original la 209 în reevaluare. Diferența de 53 de cazuri poate fi explicată astfel: 48 de cazuri au fost diagnosticate prin metoda de referință mai stringentă ca fiind LSIL sau mai puțin severe; caracterul adecvat în 3 cazuri a fost considerat nesatisfăcător la reevaluare; iar cele două cazuri rămase nu au fost disponibile pentru evaluare în studiul de reevaluare mascat.

Tabelul 8 Studiu de reevaluare: Analiza erorilor discordante pentru 209 cazuri originale de HSIL+ reevaluate cu ajutorul criteriilor de referință mai stringente, cu implicarea a trei patologi de referință independenți

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**Succes**	153	26	179
	Eroare	24	6	30
		177	32	209

Succes = HSIL+
Eroare = WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL
Rezultatele testului McNemar: **X^2 mc = 0,02, p = 0,8875**
Erori Convențional: **26**
Erori BD SurePath™: **24**

Tabelul 8 prezintă rezultatele pentru cazurile identificate de patologul de referință ca fiind HSIL+. Eroarea include WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL. În această comparație LSIL a fost considerată eroare de diagnostic față de un caz care a fost determinat ca fiind HSIL+ de către patologul de referință independent. Compararea sensibilităților de diagnostic a demonstrat echivalența statistică dintre cele două metode.

Tabelul 9 Studiu de reevaluare: Analiza erorilor discordante pentru cazuri de cancer (HSIL nu este eroare; LSIL este considerat eroare)

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared / **BD SurePath™ Pap Test Slide**	**Succes**	32	3	35
	Eroare	3	0	3
		35	3	38

Succes = Cancer
Eroare = WNL, Reactiv/Corectiv ASCUS/AGUS și LSIL
Rezultatele testului McNemar: **X^2 mc = 0,00, p = 1,0000**
Erori Convențional: **3**
Erori BD SurePath™: **3**

Tabelul 9 prezintă rezultatele pentru cazurile apreciate ca fiind cancer prin noua metodă de referință (toate centrele). Erorile includ WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL. O eroare a rezultat din interpretarea LSIL. Toate celelalte erori au presupus interpretarea lamelelor ca ASCUS/AGUS sau WNL. Analiza sensibilității erorilor discordante a demonstrat echivalența statistică a metodelor.

Reevaluarea mascată a conținut 2.097 de cazuri noi care au fost utilizate pentru a re-masca eșantioanele HSIL+ originale. Analiza și comparația preparatelor din aceste cazuri noi sunt prezentate în continuare în Tabelul 10.

Tabelul 10 Studiu de reevaluare: Comparare directă 2.097 rezultate centre — Fără patolog de referință

		Frotiu Pap pregătit în mod convențional						
		WNL	**ASCUS**	**AGUS**	**LSIL**	**HSIL**	**CA**	**Total**
BD PrepStain™ Prepared / **BD SurePath™ Pap Test Slide**	**WNL**	1.561	128	0	47	30	0	1.766
	ASCUS	80	37	1	6	8	1	133
	AGUS	9	7	0	0	1	0	17
	LSIL	33	11	1	33	11	1	90
	HSIL	26	18	1	18	19	3	85
	CA	1	2	0	0	1	2	6
	Total	1.710	203	3	104	70	7	2.097

Din cele 2.097 de cazuri noi descrise mai sus, 77 au fost diagnosticate drept HSIL+ de patologul de referință. Tabelul 11 prezintă analiza sensibilității pentru cele 77 de cazuri de HSIL+.

Tabelul 11 Studiu de reevaluare: Compararea rezultatelor tuturor centrelor pentru cazurile desemnate prin metoda de referință ca fiind HSIL+ Analiza erorilor discordante (LSIL a fost considerată eroare în această analiză)

		Lamelă pregătită în mod convențional		
		Succes	**Eroare**	
BD PrepStain™ Prepared / **BD SurePath™ Pap Test Slide**	**Succes**	25	21	46
	Eroare	21	10	31
		46	31	77

Succes = HSIL+
Eroare = WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL
Rezultatele testului McNemar: **X^2 mc = 0,00, p = 1,0000**
Erori Convențional: **21**
Erori BD SurePath™: **21**

Analiza erorilor discordante din Tabelul 11 a demonstrat un număr egal de erori HSIL+ pentru ambele metode de pregătire. Eroarea include WNL, Reactiv/Corectiv, ASCUS/AGUS și LSIL. Testul statistic a demonstrat echivalența dintre cele două metode în designul studiului cu eșantion împărțit chiar și când LSIL este considerată eroare față de o valoare de referință de HSIL+.

Tabelul 12 rezumă diagnosticele descriptive ale rezultatelor benigne pentru toate centrele.

Tabelul 12 Primul studiu eșantion împărțit: Rezumat al modificărilor celulare benigne

Diagnostic descriptiv (Nr. de pacienți: 8.807)	BD PrepStain™ Prepared BD SurePath™ Pap Test Slide		Lamelă pregătită în mod convențional	
	N	%	N	%
Modificări celulare benigne				
* Infecție:				
Specia Candida	440	5,0	445	5,1
Trichomonas vaginalis	118	1,3	202	2,3
Herpes	8	0,1	6	0,1
Gardnerella	85	1,0	44	0,5
Specia Actinomyces	6	0,1	2	< 0,1
Bacterii (altele)	52	0,6	191	2,2
** Modificări reactive corective	424	4,8	319	3,6

* Pentru categoria Infecție de mai sus, sunt raportate observații despre agenții infecțioși. Pot fi reprezentate mai multe clase de organisme per caz.

** Modificările reactive corective au inclus modificările reactive asociate cu inflamare, vaginită atrofică, radiații și utilizarea IUD, precum și reparare tipică ce implică celule scuamoase, scuamoase metaplastice sau epiteliale columnare.

Un total de 8.807 cazuri nu au conținut nicio evaluare „nesatisfăcător" din partea niciunui centru de studiu sau a centrului de referință. Alte 239 de eșantioane au fost notate cu „nesatisfăcător" de una sau de ambele centre de studiu sau de centrul de referință pentru unul sau ambele preparate. Din cele 239 de cazuri nesatisfăcătoare, 151 au fost notate doar pentru lamelele convenționale; 70 doar pentru lamele BD SurePath™ Liquid-based Pap Test; iar 18 au fost observate atât pe lamelele convenționale, cât și pe lamele BD SurePath™ Liquid-based Pap Test. Toate cazurile nesatisfăcătoare au fost excluse din compararea de diagnostic prin categoriile Sistemului Bethesda, însă au fost adăugate la loc pentru compararea caracterului adecvat al preparatului.

Tabelele de la 13 la 16 prezintă rezultatele caracterului adecvat al preparatului pentru toate centrele.

Tabelul 13 Primul studiu eșantion împărțit: Rezultate caracter adecvat preparat

Caracter adecvat preparat (Nr. de pacienți: 9.046)	BD SurePath™ Pap Test Slide pregătită cu BD PrepStain™		Lamelă pregătită în mod convențional	
	N	%	N	%
Satisfăcător	7.607	84,1	6.468	71,5
Satisfăcător, însă limitat de:	1.385	15,3	2.489	27,5
Componentă endocervicală absentă	1.283	14,2	1.118	12,4
Artefact de uscare în aer	0	0	17	0,2
Frotiu dens	1	< 0,1	0	0
Sânge care împiedică vederea	53	0,6	121	1,3
Inflamație care împiedică vederea	102	1,1	310	3,4
Puține celule epiteliale scuamoase	4	< 0,1	7	0,1
Citoliză	10	0,1	11	0,1
Fără istoric clinic	0	0	0	0
Nespecificat	60	0,7	1.018	11,3
Nesatisfăcător pentru evaluare:	54	0,6	89	1,0
Componentă endocervicală absentă	42	0,5	42	0,5
Artefact de uscare în aer	0	0	0	0
Frotiu dens	0	0	2	< 0,1
Sânge care împiedică vederea	7	0,1	6	0,1
Inflamație care împiedică vederea	6	0,1	6	0,1
Puține celule epiteliale scuamoase	6	0,1	0	0
Citoliză	0	0	1	< 0,1
Fără istoric clinic	0	0	0	0
Nespecificat	37	0,4	32	0,5

***Notă:** Unii pacienți au avut mai mult de o subcategorie.*

Cazurile nesatisfăcătoare suplimentare au fost determinate de patologul de referință, iar numerele totale de rezultate nesatisfăcătoare sunt reflectate în Tabelul 15. În tabel, SAT = Satisfăcător, SILD = Satisfăcător, însă limitat de (unele condiții specificate) și NESAT = Nesatisfăcător.

Tabelul 14 prezintă rezultatele comparării caracterului adecvat al preparatului pentru ambele metode de pregătire. Au fost semnificativ mai puține cazuri Nesatisfăcătoare și SILD cu lamelele BD SurePath™ Liquid-based Pap Test în comparație cu lamelele convenționale.

Tabelul 14 Primul studiu eșantion împărțit: Sumarul rezultatelor caracterului adecvat al preparatului pentru toate centrele studiului clinic

		Lamelă pregătită în mod convențional			
		SAT	**SILD**	**NESAT**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**SAT**	5.868	1.693	46	7.607
	SILD	579	772	34	1.385
	NESAT	21	24	9	54
		6.468	2489	89	9.046

NESAT: Rezultatele testului McNemar: X^2 mc = 9,33, p = 0,0023

SILD: Rezultatele testului McNemar: X^2 mc = 546,21, p = 0,0000

Tabelul 15 prezintă compararea preparatelor satisfăcătoare și nesatisfăcătoare din evaluările la centrele de studiu și centrul de referință. Lamelele BD SurePath™ Liquid-based Pap Test au prezentat o reducere semnificativă din punct de vedere statistic a cazurilor nesatisfăcătoare în comparație cu lamelele convenționale.

Tabelul 15 Primul studiu eșantion împărțit: Compararea rezultatelor nesatisfăcătoare din centrele de studiu clinic și centrul de referință.

		Lamelă pregătită în mod convențional		
		SAT	**NESAT**	
BD PrepStain™ Prepared BD SurePath™ Pap Test Slide	**SAT**	8.807	151	8.958
	NESAT	70	18	88
		8.877	169	9.046

Rezultatele testului McNemar: X^2 mc = 29,69, p = 0,0000

Tabelul 16 Rezultate caracter adecvat al preparatului pe centru – Rată SILD pentru Fără componentă endocervicală (CEC)

Centru	Cazuri	BD SurePath™ SBLB fără CEC N (%)	SILD Convențional fără CEC N (%)
1	995	60 (6,0)	85 (8,5)
2	1.712	121 (7,1)	54 (3,2)
3	712	180 (25,3)	141 (19,8)
4	1.395	165 (11,8)	331 (23,7)
5	500	58 (11,6)	56 (11,2)
6	1.695	473 (28,2)	238 (14,2)
7	589	19 (3,3)	3 (0,5)
8	1.448	207 (14,3)	210 (14,5)
Toate centrele	9.046	1.283 (14,2)	1.118 (12,4)

Detectarea celulelor endocervicale (Tabelul 16) a variat la diferite centre de studiu. În general, a existat o diferență de 1,8% la detectarea celulelor endocervicale între metodele cu frotiu Pap convențional și BD SurePath™, asemănătoare cu studiile anterioare ce utilizau metodologia cu eșantion împărțit.[16,17]

Lamelele BD SurePath™ Liquid-based Pap Test produse de BD PrepStain™ System au prezentat rezultate similare cu frotiurile Pap convenționale în comparațiile cu eșantion împărțit pentru o varietate de populații de pacienți și scenarii de laborator. În plus, au fost semnificativ mai puține cazuri Nesatisfăcătoare și SILD cu lamelele BD SurePath™ Liquid-based Pap Test în comparație cu frotiurile Pap convenționale. Astfel, lamela BD SurePath™ Liquid-based Pap Test poate fi utilizată ca înlocuitor al frotiului Pap convențional la detectarea celulelor atipice, a leziunilor precanceroase, a cancerului de col uterin și a tuturor celorlalte categorii citologice, conform definiției din Sistemul Bethesda.

EVALUAREA PREGĂTIRII LAMELEI BD SUREPATH™ LIQUID-BASED PAP TEST UTILIZÂND METODA BD PREPMATE™ ȘI BD SUREPATH™ MANUAL METHOD

BD Diagnostics (fostă TriPath Imaging) a efectuat un studiu clinic în perspectivă, multi-centru, pentru a evalua două modificări ale procedurii aprobate de FDA pentru pregătirea lamelelor BD SurePath™ Liquid-based Pap Test. Modificările aduse procesului aprobat pentru pregătirea lamelelor BD SurePath™ Liquid-based Pap Test au fost următoarele:

- Adăugarea BD PrepMate™ Automated Accessory (metoda BD PrepMate™), care automatizează etapele manuale inițiale ale procesului de laborator BD PrepStain™. Metoda BD PrepMate™ amestecă automat și scoate proba din BD SurePath™ Collection Vials și distribuie proba pe BD Density Reagent într-o eprubetă.
- Adăugarea BD SurePath™ Manual Method, în care, în loc să fie utilizat BD PrepStain™ Slide Processor pentru colorarea suspensiei de celule și a lamelei, suspensia de celule este distribuită manual pe lamelă și colorată de un tehnician de laborator.

Acest studiu a evaluat peste 400 de cazuri într-o comparare mascată a celor două metode alternative ale procedurii aprobate în prezent pentru pregătirea lamelelor BD SurePath™ Liquid-based Pap Test. Comparația s-a bazat pe criterii morfologice și de calitate aplicate lamelelor pregătite prin fiecare metodă.

Obiectivele principale ale studiului au fost:

- Să evalueze aspectele morfologice și de calitate ale lamelelor BD SurePath™ Liquid-based Pap Test pregătite cu metoda BD PrepMate™ în comparație cu lamelele pregătite în conformitate cu metoda aprobată de utilizare a BD PrepStain™ System (denumită metoda BD PrepStain™).
- Să evalueze aspectele morfologice și de calitate ale lamelelor BD SurePath™ Liquid-based Pap Test pregătite cu BD SurePath™ Manual Method în comparație cu lamelele pregătite în conformitate cu metoda BD PrepStain™ aprobată.

Obiectivele suplimentare ale studiului au fost:

- Să determine dacă nivelul acordului dintre metoda BD PrepStain™ aprobată și metoda BD PrepMate™ este mai mare decât s-ar aștepta numai prin coincidență.
- Să determine dacă nivelul acordului dintre metoda BD PrepStain™ aprobată și BD SurePath™ Manual Method este mai mare decât s-ar aștepta numai prin coincidență.
- Să evalueze caracterul adecvat al probei în conformitate cu standardele BD PrepStain™ System pentru pregătirea lamelelor BD SurePath™ Liquid-based Pap Test utilizând metoda BD PrepMate™.
- Să evalueze caracterul adecvat al probei în conformitate cu standardele BD PrepStain™ System pentru pregătirea lamelelor BD SurePath™ Liquid-based Pap Test utilizând BD SurePath™ Manual Method.

BD PREPMATE™ AUTOMATED ACCESSORY

Instrumentul BD PrepMate™ este un accesoriu al BD PrepStain™ System care automatizează două etape manuale, amestecarea și distribuirea eșantionului, ale procesului de laborator BD PrepStain™. BD PrepMate™ amestecă bine, scoate cu precizie proba din BD SurePath™ Collection Vials și distribuie proba pe BD Density Reagent într-o eprubetă. Un rack pentru probe încărcat în prealabil cu fiole de colectare, pipete cu seringă și eprubete (conținând BD Density Reagent) este plasat pe tava instrumentului. Rackul conține până la douăsprezece fiole, tuburi și pipete cu seringă, dispuse pe trei rânduri de câte patru fiecare. Fiolele, seringile cu pipete și tuburile sunt de unică folosință. Acestea trebuie utilizate o singură dată pentru a elimina posibilitatea contaminării probei.

BD SUREPATH™ MANUAL METHOD

BD SurePath™ Manual Method utilizează o procedură manuală pentru a distribui suspensia de celule pe lamele și pentru a colora preparatul. Colectarea și procesarea probei ginecologice sunt identice atât pentru metoda manuală, cât și pentru metodele BD PrepStain™ aprobate, până în punctul în care se utilizează BD PrepStain™ Slide Processor.

În metoda BD PrepStain™, tabletele de celule centrifugate sunt plasate direct pe BD PrepStain™ Slide Processor pentru procesare automată, pentru a produce lamele BD SurePath™ Liquid-based Pap Test colorate.

În BD SurePath™ Manual Method se adaugă apă deionizată la tableta de celule centrifugată, urmată de agitare pentru a suspenda din nou și randomiza eșantionul. Eșantionul este transferat într-o BD Settling Chamber montată pe o BD SurePath™ PreCoat Slide. După decantarea eșantionului pe lamelă, eșantionul este colorat printr-o procedură de colorare Papanicolaou pentru un lot întreg.

RESPONSABILITATEA PENTRU LAMELE

Tabelul 17 prezintă responsabilitatea pentru lamele cu privire la lamelele din studiul clinic. Este important să se rețină că setul de studiu a constat din **trei lamele per caz**.

Tabelul 17 Responsabilitatea pentru lamele

	Cazuri	Lamele
Număr total persoane recrutate pentru studiu	**471**	**1.413**
Număr total persoane excluse de la analiză	**–68**	**–204**
Documentație incompletă	–39	–117
Lamele pregătite incorect	–24	–72
Alte motive de excludere *	–5	–15
Număr total de persoane incluse în analiză	**403**	**1.209**

* Eșantioane lipsă, numere de pacient duplicate etc.

DATE DEMOGRAFICE DESPRE POPULAȚIE

Tabelul 18 listează datele demografice privind vârsta pacienților pentru toate cazurile incluse în populația studiului.

Tabelul 18 Date demografice despre pacient

Vârsta	Număr de cazuri
Cel mult 19 ani	3
20 - 29	73
30 - 39	158
40 - 49	105
50 +	64
Total	403

Tabelul 19 listează informațiile clinice actuale, iar Tabelul 20 listează istoricul clinic pentru toate cazurile incluse în populația studiului. Rețineți că a fost permisă selectarea mai multor elemente, așa că este posibil ca numărul total de cazuri să nu corespundă numărului total de cazuri din populația studiului.

Tabelul 19 Informații clinice actuale

Informații clinice	Număr de cazuri
Ciclic	241
Ciclu neregulat	69
Histerectomie	16
Însărcinată	9
După avort	0
După naștere	9
După menopauză	58
La menopauză	1
Imunitate scăzută	0
Prezentare GYN anormală	0
Scurgeri vaginale	137
Terapie de înlocuire estrogen	19
IUD	2
Contraceptive orale/implant	20
Fără contracepție	181
Informații indisponibile	22

Tabelul 20 Istoric clinic

Istoric	Număr de cazuri
Citologie anormală anterioară	13
Istoric de sângerări anormale	36
Biopsie	3
Istoric de cancer	1
Chimioterapie	0
Radiații	0
Colposcopie	9
HIV/SIDA	0
HPV (Neg)	0
Herpes	1
Istoric de LBT*	1
Istoric de BIP**	57
Niciunul notat	363

* Legare bilaterală a trompelor uterine

** Boală inflamatorie pelvină

REZULTATELE STUDIULUI

Scopul acestui studiu a fost acela de a stabili că lamelele BD SurePath™ Liquid-based Pap Test pregătite cu procedurile metodei BD PrepMate™ și ale BD SurePath™ Manual Method sunt mai bune în comparație cu cele pregătite utilizând metoda BD PrepStain™ aprobată. Datele clinice au demonstrat că lamelele pregătite cu metoda BD PrepMate™ și BD SurePath™ Manual Method sunt comparabile ca morfologie și calitate cu cele pregătite cu metoda BD PrepStain™ aprobată.

Datele clinice au mai arătat, de asemenea, că performanța de diagnosticare este aceeași pentru metoda BD PrepMate™ și BD SurePath™ Manual Method în comparație cu metoda BD PrepStain™ aprobată. În plus, caracterul adecvat al lamelelor pregătite cu metoda BD PrepMate™ și BD SurePath™ Manual Method nu diferă de cel al lamelelor pregătite cu metoda BD PrepStain™ aprobată. Aceste rezultate susțin compatibilitatea metodei BD PrepMate™ și a BD SurePath™ Manual Method cu metoda BD PrepStain™ aprobată.

MORFOLOGIA ȘI CALITATEA PROBEI

Tabelul 21 prezintă rezultatele pentru obiectivele principale. Caracterul acceptabil al lamelelor pregătite prin fiecare metodă a fost evaluat în conformitate cu criteriile de morfologie și calitate prezentate în tabel. Pentru fiecare criteriu, populația de lamele acceptabile a fost calculată împreună cu intervalul de încredere exact de 95% corespunzător.

Tabelul 21 Compararea ratelor și a intervalelor de fiabilitate (IF) pentru criteriile de acceptabilitate

		Metodă pregătire lamele					
		BD PrepStain™		BD PrepMate™		BD SurePath™ Manual Method	
		Rată (n/N)	IF exact 95%	Rată (n/N)	IF exact 95%	Rată (n/N)	IF exact 95%
Criterii de acceptabilitate	Colorare	0,9876 (398/403)	0,9713, 0,9960	0,9926 (400/403)	0,9784, 0,9985	0,9901 (399/403)	0,9748, 0,9973
	Claritate	0,9876 (398/403)	0,9713, 0,9960	0,9876 (398/403)	0,9713, 0,9960	0,9975 (402/403)	0,9863, 0,9999
	Nuclear	0,9901 (399/403)	0,9748, 0,9973	0,9901 (399/403)	0,9748, 0,9973	0,9975 (402/403)	0,9863, 0,9999
	Citologie	0,9950 (401/403)	0,9822, 0,9994	0,9901 (399/403)	0,9748, 0,9973	1,0000 (403/403)	0,9909, 1,0000
	Grupare	0,9926 (400/403)	0,9784, 0,9985	0,9975 (402/403)	0,9863, 0,9999	0,9603 (387/403)	0,9363, 0,9771
	Compoziție celulară	0,9305 (375/403)	0,9011, 0,9533	0,9454 (381/403)	0,9185, 0,9655	0,9404 (379/403)	0,9127, 0,9615

Ratele de acceptabilitate ale metodei BD PrepMate™ și ale BD SurePath™ Manual Method sunt întotdeauna aproape egale sau mai mari decât cele ale metodei BD PrepStain™. În plus, intervalele de încredere exacte de 95% pentru metoda BD PrepMate™ și BD SurePath™ Manual Method sunt în mod substanțial mai extinse decât cele pentru metoda BD PrepStain™ aprobată, pentru fiecare criteriu. Aceasta presupune că lamelele pregătite cu metoda BD PrepMate™ și BD SurePath™ Manual Method sunt de morfologie și calitate comparabile cu cele pregătite cu metoda BD PrepStain™ aprobată. Prin urmare, calitatea preparatelor este aceeași pentru metoda aprobată și cele două metode de testare.

ACORDUL CU PRIVIRE LA DIAGNOSTIC

Această analiză compară diagnosticele pe lamelele pregătite cu fiecare metodă. Deoarece aceste date sunt derivate din eșantioane împărțite, matricele de diagnostic prezentate în Tabelul 22 și Tabelul 23 se bazează pe eșantioane împerecheate, fiecare din metodele test de pregătire a lamelelor (metoda BD PrepMate™ și BD SurePath™ Manual Method) fiind comparată cu metoda BD PrepStain™ aprobată. În mod ideal, diagnosticul obținut din lamelele pregătite cu cele două metode va fi același. Acesta este reprezentat de numărul de diagnostice identice, ce apare pe diagonala principală a fiecărui tabel.

Prima măsură a acordului este raportul dintre lamelele de pe diagonala principală și intervalele de încredere exacte de 95% corespunzătoare. A doua măsură a acordului este obținută din statistica kappa, care a fost calculată pentru fiecare comparație și testată. Testul determină dacă nivelul acordului dintre cele două metode este mai mare decât s-ar aștepta exclusiv prin coincidență. Deoarece observațiile sunt ordonate, este mai important să avem observații care se află pe sau lângă diagonala principală. Statistica kappa ponderată oferă mai multă pondere observațiilor care se află pe sau lângă diagonala principală din tabele.

COMPARAREA METODEI BD PREPSTAIN™ APROBATE ȘI A METODEI BD PREPMATE™

În Tabelul 22, numărul de lamele de pe diagonala principală este de 367 (2+334+8+6+5+11+1), iar raportul dintre lamelele de pe diagonala principală este de 0,9107 (367/403) cu limite de încredere exacte de 95% între 0,8785 și 0,9366.

Dacă lamelele nesatisfăcătoare sunt excluse din tabel prin ștergerea primului rând și a primei coloane, rămân 397 de lamele. Proporția dintre lamelele de pe diagonala principală este de 0,9194 (365/397) cu limite de încredere de 95% între 0,8881 și 0,9442.

Rezultatele prezentate în Tabelul 22 indică faptul că metoda BD PrepStain™ aprobată și metoda BD PrepMate™ au o proporție mare de lamele cu acord de diagnostic, după cum o indică proporția lamelelor de pe diagonala principală din tabel. Mai mult, analiza kappa ponderată indică faptul că acordul a fost mult mai mare decât ar putea fi atribuit întâmplării.

Tabelul 22 Tabelare încrucișată a diagnosticelor cu metodele BD PrepStain™ și BD PrepMate™

		BD PrepStain™ Method Diagnosis									
		Nesat	WNL	BCC-RR	Atypia	LSIL	HSIL	DYSPL	AIS	CA	Total
BD PrepMate™ Method Diagnosis	Nesat	2	1	0	0	0	0	0	0	0	3
	WNL	2	334	2	7	2	0	0	0	0	347
	BCC-RR	0	6	8	0	1	0	0	0	0	15
	Atypia	1	3	2	6	0	0	0	0	0	12
	LSIL	0	3	0	3	5	0	0	0	0	11
	HSIL	0	1	0	1	0	11	0	0	0	13
	DYSPL	0	0	0	0	1	0	0	0	0	1
	AIS	0	0	0	0	0	0	0	0	0	0
	CA	0	0	0	0	0	0	0	0	1	1
	Total	5	348	12	17	9	11	0	0	1	403

COMPARAREA METODEI BD PREPSTAIN™ APROBATE ȘI A BD SUREPATH™ MANUAL METHOD

În Tabelul 23, numărul de lamele de pe diagonala principală este de 353 (3+315+6+10+7+11+1). Proporția de lamele pe diagonala principală este de 0,8759 (353/403). Limitele de încredere binomiale exacte de 95% pentru această proporție sunt între 0,8397 și 0,9065.

Dacă lamelele nesatisfăcătoare sunt excluse din tabel prin ștergerea primului rând și a primei coloane, rămân 398 de lamele. Proporția dintre lamelele de pe diagonala principală este de 0,8794 (350/398) cu limite de încredere de 95% între 0,8433 și 0,9097. Rezultatele prezentate în Tabelul 23 indică faptul că metoda BD PrepStain™ aprobată și BD SurePath™ Manual Method au o proporție mare de lamele cu acord de diagnostic, după cum o indică proporția lamelelor de pe diagonala principală din tabel. Mai mult, analiza kappa ponderată indică faptul că acordul a fost mult mai mare decât ar putea fi atribuit întâmplării. Prin urmare, performanța de diagnosticare este aceeași pentru metoda aprobată și cele două metode de testare.

Tabelul 23 Tabelare încrucișată a diagnosticelor cu metoda BD PrepStain™ și BD SurePath™ Manual Method

		BD PrepStain™ Method Diagnosis									
		Nesat	**WNL**	**BCC-RR**	**Atypia**	**LSIL**	**HSIL**	**DYSPL**	**AIS**	**CA**	**Total**
Diagnosticare cu metoda manuală	**Nesat**	3	0	0	0	0	0	0	0	0	3
	WNL	1	315	1	3	1	0	0	0	0	321
	BCC-RR	0	19	6	0	0	0	0	0	0	25
	Atypia	0	12	4	10	0	0	0	0	0	26
	LSIL	0	1	1	3	7	0	0	0	0	12
	HSIL	1	1	0	1	1	11	0	0	0	15
	DYSPL	0	0	0	0	0	0	0	0	0	0
	AIS	0	0	0	0	0	0	0	0	0	0
	CA	0	0	0	0	0	0	0	0	1	1
	Total	5	348	12	17	9	11	0	0	1	403

CARACTERUL ADECVAT AL LAMELELOR

Caracterul adecvat al lamelelor a fost evaluat pentru fiecare dintre metodele de pregătire. Datele au fost analizate utilizând un test McNemar cu două părți.[18]

Tabelul 24 prezintă rezultatele privind caracterul adecvat la compararea metodei BD PrepStain™ aprobate cu metoda BD PrepMate™.

Tabelul 24 Rezultate caracter adecvat pentru BD PrepMate™ și BD PrepStain™ Method Slides

		BD PrepStain™ Method Result		
		SAT sau SILD	**NESAT**	
BD PrepMate™ Method Result	**SAT sau SILD**	398	3	401
	NESAT	0	2	2
		398	5	403

Tabelul 25 prezintă rezultatele privind caracterul adecvat la compararea metodeiBD PrepStain™ aprobate cu BD SurePath™ Manual Method.

Tabelul 25 Rezultate caracter adecvat pentru BD SurePath™ Manual Method și BD PrepStain™ Method Slides

		BD PrepStain™ Method Result		
		SAT sau SILD	**NESAT**	
BD SurePath™ Manual Method Result	**SAT sau SILD**	398	2	400
	NESAT	0	3	3
		398	5	403

Aceste două comparații demonstrează faptul că metoda BD PrepMate™ și BD SurePath™ Manual Method nu diferă de metoda BD PrepStain™ aprobată din punct de vedere al caracterului adecvat al lamelelor.

STUDIU DIRECT ÎN FIOLĂ

În urma aprobării inițiale a FDA pentru BD PrepStain™ System, BD Diagnostics (fosta TriPath Imaging) a efectuat un studiu de dimensiuni mari, multi-centru, pentru BD PrepStain™ System utilizat conform specificațiilor cu probe direct în flacon. Studiile clinice anterioare au utilizat o metodă a eșantionului împărțit, prin care eșantionul era mai întâi utilizat pentru a crea o lamelă cu frotiu Pap convențional, iar eșantionul rămas era introdus în BD SurePath™ Collection Vial și procesat de BD PrepStain™ System, pentru a crea o lamelă BD SurePath™ Liquid-based Pap Test Este bine cunoscut faptul că designurile cu eșantion împărțit subestimează performanța reală a testului care este pregătit din material celular rezidual.[12]

Acest studiu a comparat performanța lamelelor BD SurePath™ Liquid-based Pap Test produse din probe direct în flacon cu cea a frotiurilor Pap convenționale. Rezultatele obținute cu BD SurePath™ Liquid-based Pap Test au fost comparate cu rezultatele obținute dintr-un grup istoric de frotiuri Pap convenționale. În mod specific, acest studiu a evaluat dacă lamelele BD SurePath™ Liquid-based Pap Test au îmbunătățit detectarea leziunilor interepiteliale scuamoase de grad ridicat (HSIL), adenocarcinomul *in-situ* și cancerul (HSIL+). Toate datele de biopsie disponibile au fost colectate pentru ambele populații de lamele.

Populația BD SurePath™ a constat din 58.580 de lamele colectate în perspectivă de la 57 de clinici care au convertit aproape 100% din recoltarea frotiului Pap convențional la recoltarea de probe BD SurePath™. Probele colectate la aceste clinici au fost trimise la trei centre clinice pentru procesare.

Populația convențională a constat din 58.988 de lamele din aceleași clinici ca și lamelele BD SurePath™ Liquid-based Pap Test. Populația istorică a fost colectată începând cu cele mai recente lamele înainte ca aceste clinici să treacă la BD SurePath™ Liquid-based Pap Test și apoi mergând înapoi în timp până când populația de lamele convenționale și cea de lamele BD SurePath™ Liquid-based Pap Test de la fiecare centru clinic erau aproximativ egale ca număr.

Rezultatele acestui studiu au demonstrat o rată de detectare de 405/58.580 pentru lamelele BD SurePath™ Liquid-based Pap Test, în comparație cu 248/58.988 pentru lamelele convenționale, conducând la rate de detectare de 0,691% și, respectiv, 0,420% (consultați Tabelul 26). Pentru aceste centre clinice și aceste populații de studiu, aceasta indică o creștere de 64,4% (p< 0,00001) a detectării leziunilor HSIL+ pentru lamelele BD SurePath™ Liquid-based Pap Test.

Tabelul 26 Compararea ratelor de detectare pe centru

HSIL+

Centru	Convențional			BD SurePath™		
	Total	HSIL+	Procent (%)	Total	HSIL+	Procent (%)
1	41.274	216	0,523	40.735	300	0,736
2	10.421	19	0,182	10.676	78	0,731
3	7.293	13	0,178	7.169	27	0,377
Total	58.988	248	0,420	58.580	405	0,691

LSIL+

Centru	Convențional			BD SurePath™		
	Total	LSIL+	Procent (%)	Total	LSIL+	Procent (%)
1	41.274	765	1,853	40.735	1.501	3,685
2	10.421	96	0,921	10.676	347	3,250
3	7.293	99	1,357	7.169	127	1,772
Total	58.988	960	1,627	58.580	1.975	3,371

ASCUS+

Centru	Convențional			BD SurePath™		
	Total	ASCUS+	Procent (%)	Total	ASCUS+	Procent (%)
1	41.274	1.439	3,486	40.735	2.612	6,412
2	10.421	347	3,330	10.676	689	6,454
3	7.293	276	3,784	7.169	285	3,975
Total	58.988	2.062	3,496	58.580	3.586	6,122

Nesatisfăcător

Centru	Convențional			BD SurePath™		
	Total	NESAT+	Procent (%)	Total	NESAT+	Procent (%)
1	41.274	132	0,320	40.735	37	0,091
2	10.421	163	1,564	10.676	89	0,834
3	7.293	20	0,274	7.169	4	0,056
Total	58.988	315	0,534	58.580	130	0,222

Notă: *Sunt de așteptat variații ale performanței de la un centru la altul. Fiecare laborator trebuie să monitorizeze cu atenție calitatea activităților proprii.*

PROCEDURA

Procedurile complete pentru pregătirea lamelelor BD SurePath™ Liquid-based Pap Test sunt furnizate în Manualul operatorului pentru BD PrepStain™ Slide Processor.

DISPONIBILITATE

Număr de catalog	Descriere
491454	BD PrepStain™ Consumables Kit
491455	BD PrepMate™ Consumables Kit
491331	BD Syringing Pipettes
491332	BD Density Reagent
491248	BD SurePath™ PreCoat Slides

BIBLIOGRAFIE

1. Solomon D, Nayar R (editors): The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses. New York, Springer Verlag, 2004.
2. Bishop JW: Comparison of the CytoRich® System with conventional cervical cytology: Preliminary data on 2,032 cases from a clinical trial site. Acta Cytol 1997; *41*:15–23.
3. Bishop JW, Bigner SH, Colgan TJ, Husain M, Howell LP, McIntosh KM, Taylor DA, Sadeghi M: Multicenter masked evaluation of AutoCyte PREP thin layers with matched conventional smears: Including initial biopsy results. Acta Cytol 1998; *42*:189–197.
4. Geyer JW, Hancock F, Carrico C, Kirkpatrick M: Preliminary Evaluation of CytoRich®: An improved automated cytology preparation. Diagn Cytopathol 1993; *9*:417–422.
5. Grohs HK, Zahniser DJ, Geyer JW: Standarization of specimen preparation through mono/thin-layer technology in Automated Cervical Cancer Screening. Edited by HK Grohs, OAN Husain. New York, Igaku-Shoin, 1994, pp. 176–185
6. Howell LP, Davis RL, Belk TI, Agdigos R, Lowe J: The AutoCyte preparation system for gynecologic cytology. Acta Cytol 1998; *42*:171–177.
7. McGoogan E, Reith A: Would monolayers provide more representative samples and improved preparations for cervical screening? Overview and evaluation of systems available. Acta Cytol 1996; *40*:107–119.
8. Vassilakos P, Cossali D, Albe X, Alonso L, Hohener R, Puget E: Efficacy of monolayer preparations for cervical cytology: Emphasis on suboptimal specimens. Acta Cytol 1996; *40*:496–500.
9. Wilbur DC, Facik MS, Rutkowski MA, Mulford OK, Atkison KM: Clinical trials of the CytoRich® specimen-preparation device for cervical cytology: Preliminary results. Acta Cytol 1997; *41*:24–29.
10. Center For Devices and Radiological Health, Food and Drug Administration. Points to consider: Cervical cytology devices. July 25, 1994. This document is available from the Division of Small Manufacturers (DSMA), 1.800.638.2041
11. Shatzkin A, Conner RJ, Taylor PR, Bunnag B: Comparing new and old screening tests when a reference procedure cannot be performed on all screeners. Am J Epidemiol 1987; *125*: 672–678.
12. Austin RM, Ramzy I: Increased detection of epithelial cell abnormalities by liquid-based gynecologic cytology preparations. A review of accumulated data. Acta Cytol 1998; *42*:178–184.
13. McNemar Q: Note on the sampling error of the difference between correlated proportions or percentages. Psychometrika 1947; *12*:153–7.
14. Mayeaux EJ, Harper MB, Fleurette A, Pope JB, Phillips GS: A comparison of the reliability of repeat cervical smears and colposcopy in patients with abnormal cervical cytology. J Fam Pract 1995; *40*:57–62.
15. College of American Pathologists. Interlaboratory comparison program in cervicovaginal cytology (PAP).1995.
16. Bur M, Knowles K, Pekow P, Corral O, and Donovan J: Comparison of ThinPrep preparations with conventional cervicovaginal smears: Practical considerations. Acta Cytol 1995; *39*: 631–642.
17. Evans SK, Wilbur DC: Identification of endocervical cells and microorganisms on cervical thin layer cytology specimens: Comparison to paired conventional smears. Acta Cytol 1993; *37*:776.
18. Fleiss, Joseph L. Statistical Methods for Rates and Proportions. 2nd Ed. New York: John Wiley & Sons, 1981.

Service Tehnic și Suport: contactați reprezentantul local BD sau bd.com.

Doar UE: Utilizatorii trebuie să raporteze toate incidentele grave corelate cu dispozitivul producătorului și autorității naționale competente.

În afara UE: Contactați reprezentantul local BD pentru orice incident sau solicitare legată de acest dispozitiv.

Istoricul modificărilor

Revizuire	Data	Rezumatul modificărilor
(06)	2020-08	Numărul revizuirii se modifică în scopul armonizării gestiunii documentelor.
(07)	2021-10	Actualizat pentru IVDR 2017/746 și indicația eIFU. S-au actualizat secțiunile Utilizare specifică, Eliminare în siguranță, Declarație de incident grav, Utilizator specific, Avertismente și precauții. Adresă REP CE actualizată. Au fost actualizate adresele Sponsorilor din Australia și din Noua Zeelandă. Informații tehnice actualizate. Secțiunea Disponibilitate a fost adăugată. Glosar de simboluri actualizat. S-a adăugat REP CH împreună cu adresa.

GLOSAR DE SIMBOLURI [L006715(06) 2021-08]

Este posibil ca unele dintre simbolurile enumerate mai jos să nu aplice acestui produs.

Numai pentru clienții din S.U.A.: Pentru un glosar al simbolurilor, accesați adresa **bd.com/symbols-glossary**

Simbol	Semnificație
	Producător
EC REP	Reprezentant autorizat în Comunitatea Europeană
CH REP	Reprezentant autorizat în Elveția
	Data de fabricație
	Data de expirare
LOT	Cod lot
REF	Număr de catalog
SN	Număr de serie
STERILE	Steril
STERILE A	Sterilizat prin folosirea de tehnici de procesare aseptice
STERILE EO	Sterilizat cu oxid de etilenă
STERILE R	Sterilizat prin iradiere
STERILE	Sterilizat prin utilizarea de abur sau căldură uscată
	A nu se resteriliza
NON STERILE	Nesteril
	A nu se folosi dacă ambalajul este deteriorat și consultați *instrucțiunile de utilizare*
STERILE	Parcurs steril al lichidelor
STERILE EO	Parcurs steril al lichidelor (oxid de etilenă)
STERILE R	Parcurs steril al lichidelor (iradiere)
	Fragil, a se manevra cu atenție
	A se păstra ferit de expunere la soare
	A se păstra în locuri ferite de umiditate
	Limita de temperatură minimă
	Limita de temperatură maximă
	Limită de temperatură
	Limite de umiditate
	Risc biologic
	A nu se reutiliza
	Consultați *instrucțiunile de utilizare* sau *instrucțiunile de utilizare* în format electronic
	Precauții
LATEX	Conținut sau prezență de latex/cauciuc natural
IVD	Dispozitiv medical pentru diagnostic in vitro
CONTROL -	Control negativ
CONTROL +	Control pozitiv
Σ	Conținut suficient pentru <*n*> teste

Simbol	Semnificație
	Numai pentru evaluarea performanței IVD
	Apirogen
#	Număr pacient
	Cu această parte în sus
	A nu se stivui
	Sistem cu barieră sterilă simplă
PHT DEHP BBP	Conținut sau prezență de ftalat: combinație de bi (2-etilhexil) ftalat (DEHP) și benzil butil ftalat (BBP)
	Recoltați separat Indică necesitatea recoltării separate a deșeurilor de echipamente electrice și electronice.
CE	Marcaj CE; denotă conformitatea tehnică la nivel european
	Dispozitiv pentru testare în proximitatea pacientului
	Dispozitiv de autotestare
Rx Only	Această indicație se aplică numai în S.U.A.: „Precauții: Legislația federală permite vânzarea acestui dispozitiv numai de către sau în urma comenzii unui medic licențiat.”
CC	Țara de fabricație „CC” va fi înlocuit de codul de țară din două sau trei litere.
	Ora recoltării
	Decupați
	Desfaceți aici
	Data colectării
	A se păstra ferit de lumină
H_2	Este generat gaz de hidrogen
	Perforare
	Număr secvențial eșantion de început
	Număr secvențial eșantion de sfârșit
	Număr secvențial intern
MD	Dispozitiv medical
	Conține substanțe periculoase
	Marcaj de conformitate ucrainean
FC	Îndeplinește cerințele FCC conform 21 CFR Partea 15
c UL us	Certificare produs UL pentru SUA și Canada
UDI	Identificator unic al dispozitivului

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