ZERTIFIKAT ◆ CERTIFICATE ◆ 認證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Italia

CERTIFICATO

Nr. 50 100 11497 - Rev. 003

Si attesta che / *This is to certify that*

IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF

LIOFILCHEM S.r.l.

SEDE LEGALE E OPERATIVA:
REGISTERED OFFICE AND OPERATIONAL SITE:

VIA SCOZIA SNC - ZONA INDUSTRIALE
I-64026 ROSETO DEGLI ABRUZZI (TE)

SEDE OPERATIVA:
OPERATIONAL SITE:

CONTRADA PIANE VOMANO – TRAVERSA DI VIA GRECIA
I-64026 ROSETO DEGLI ABRUZZI (TE)

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 9001:2015

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE

Progettazione e sviluppo, produzione e commercializzazione di dispositivi medico diagnostici in-vitro: terreni di coltura per batteriologia, sistemi di identificazione e antibiogramma, kit per la determinazione di plasmaproteine (IAF 12, 29)

Design and development, production and sale of in-vitro diagnostic medical devices: culture media for bacteriology, identification and susceptibility testing systems, kits for plasma protein determination (IAF 12, 29)

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
SGQ N° 049A

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

Per l'Organismo di Certificazione
For the Certification Body
TÜV Italia S.r.l.

Andrea Coscia
Direttore Divisione Business Assurance

Validità / *Validity*
Dal / From: 2019-02-11
Al / To: 2022-02-10

Data emissione / *Issuing Date*
2019-02-11

PRIMA CERTIFICAZIONE / *FIRST CERTIFICATION:* 2012-09-25

"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RIESAME COMPLETO DEL SISTEMA DI GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE"

"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE-YEARS"

TÜ01 14/01

CERTIFICATO

N° Q5 071067 0006 Rev. 00

Titolare del certificato: Liofilchem S.r.l.
Via Scozia
64026 Roseto degli Abruzzi (TE)
ITALIA

Stabilimento(i): Liofilchem S.r.l.
Via Scozia,64026 Roseto degli Abruzzi (TE), ITALIA

Liofilchem S.r.l.
Contrada Piane Vomano,Traversa di Via Grecia,
64026 Roseto degli Abruzzi (TE), ITALIA

Marchio di certificazione:

Campo di applicazione: **Progettazione e sviluppo, produzione e commercializzazione di dispositivi medico diagnostici in-vitro: terreni di coltura per batteriologia, sistemi di identificazione e antibiogramma, kit per la determinazione di plasmaproteine. Distribuzione di altri dispositivi medico diagnostici in-vitro**

Norma(e) applicata(e): EN ISO 13485:2016
Dispositivi medici – Sistemi di gestione per la qualità - Requisiti per scopi regolamentari
(ISO 13485:2016)
DIN EN ISO 13485:2016

L'Organismo di Certificazione TÜV SÜD Product Service GmbH certifica che la società sopramenzionata ha istituito e mantiene un sistema di gestione qualità conforme ai requisiti della(e) norma(e) elencata(e). Vedere anche note sul retro.

N° del rapporto: ITA1070742

Valido da: 2018-12-19
Valido fino al: 2021-12-18

Data, 2018-12-19

Stefan Preiß

Pagina 1 di 1
Traduzione per scopi informativi. La sola versione inglese (tedesca) è legalmente impegnativa.

TÜV®

DAkkS Deutsche Akkreditierungsstelle D-ZM-11321-01-00

Certificate

No. Q5 071067 0006 Rev. 00

Holder of Certificate: Liofilchem S.r.l.
Via Scozia
64026 Roseto degli Abruzzi (TE)
ITALY

Facility(ies): Liofilchem S.r.l.
Via Scozia, 64026 Roseto degli Abruzzi (TE), ITALY

Liofilchem S.r.l.
Contrada Piane Vomano, Traversa di Via Grecia, 64026 Roseto degli Abruzzi (TE), ITALY

Certification Mark:

Scope of Certificate: **Design and development, production and sale of in-vitro diagnostic medical devices: culture media for bacteriology, identification and susceptibility testing systems, kits for plasma protein determination. Distribution of other in-vitro diagnostic medical devices**

Applied Standard(s): EN ISO 13485:2016
Medical devices - Quality management systems - Requirements for regulatory purposes
(ISO 13485:2016)
DIN EN ISO 13485:2016

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). See also notes overleaf.

Report No.: ITA1070742

Valid from: 2018-12-19
Valid until: 2021-12-18

Date, 2018-12-19

Stefan Preiß

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TÜV SÜD Product Service GmbH · Certification Body · Ridlerstraße 65 · 80339 Munich · Germany

TÜV®

Liofilchem®

DICHIARAZIONE DI CONFORMITÀ CE / EC DECLARATION OF CONFORMITY

DICHIARAZIONE DI CONFORMITÀ CE

La società Liofilchem® S.r.l., con Sede Legale in Via Scozia, 64026 Roseto degli Abruzzi (TE) Italia, in qualità di fabbricante del dispositivo medico-diagnostico *in vitro* elencato nella tabella allegata Revisione 32.1 del 07.06.2017

dichiara sotto la propria responsabilità

1. che il dispositivo sopra indicato soddisfa tutte le disposizioni applicabili della Direttiva 98/79/CE (Allegato III) recepita nella Legislazione Italiana dal Decreto Legislativo n° 332 del 8 settembre 2000;
2. che il dispositivo in oggetto non è incluso nell'Allegato II, lista A e B della Direttiva 98/79/CE
3. che la documentazione tecnica di cui all'allegato III della direttiva Direttiva 98/79/CE è a disposizione delle autorità nazionali presso la sua sede e sarà conservata per 5 anni dall'ultima data di fabbricazione del prodotto;
4. che il processo di fabbricazione segue adeguati principi di assicurazione della qualità;
5. di aver attivato e di mantenere aggiornato, un sistema di sorveglianza post-produzione per il monitoraggio dei prodotti;
6. che il dispositivo in oggetto è stato messo in commercio munito di marcatura CE.

EC DECLARATION OF CONFORMITY

The company Liofilchem® S.r.l., registered office in Via Scozia, 64026 Roseto degli Abruzzi (TE) Italy, as a manufacturer of the in vitro medical-diagnostic device listed in the attached table, Revision 32.1 of 07.06.2017

hereby certifies under its own responsibility

1. that the above mentioned device complies with all the applicable provisions of Directive 98/79/EC (Annex III) and its relevant transposition into national law;
2. the above mentioned is not included in Annex II , List A and B of Directive 98/79/EC;
3. that the technical documentation referred to at Annex III of the Directive 98/79/EC is available for the national authorities in its facility and that this documentation shall be kept for 5 years after the last product has been manufactured;
4. that the manufacturing process follows suitable principles of quality assurance;
5. that, has implemented and keep up to date, a post-production surveillance system for monitoring the products;
6. that the device in question, was introduced into the market provided with CE mark.

Roseto, 07.06.2017

Direttore Tecnico/ Technical Director
Dott. Silvio Brocco

Liofilchem®

DICHIARAZIONE DI CONFORMITÀ CE / EC DECLARATION OF CONFORMITY

DICHIARAZIONE DI CONFORMITÀ CE

La società Liofilchem® S.r.l., con Sede Legale in Via Scozia, 64026 Roseto degli Abruzzi (TE) Italia, in qualità di fabbricante del dispositivo medico-diagnostico *in vitro* elencato nella tabella allegata Revisione 32.1 del 07.06.2017

dichiara sotto la propria responsabilità

1. che il dispositivo sopra indicato soddisfa tutte le disposizioni applicabili della Direttiva 98/79/CE (Allegato III) recepita nella Legislazione Italiana dal Decreto Legislativo n° 332 del 8 settembre 2000;
2. che il dispositivo in oggetto non è incluso nell'Allegato II, lista A e B della Direttiva 98/79/CE
3. che la documentazione tecnica di cui all'allegato III della direttiva Direttiva 98/79/CE è a disposizione delle autorità nazionali presso la sua sede e sarà conservata per 5 anni dall'ultima data di fabbricazione del prodotto;
4. che il processo di fabbricazione segue adeguati principi di assicurazione della qualità;
5. di aver attivato e di mantenere aggiornato un sistema di sorveglianza post-produzione per il monitoraggio dei prodotti;
6. che il dispositivo in oggetto è stato messo in commercio munito di marcatura CE.

EC DECLARATION OF CONFORMITY

The company Liofilchem® S.r.l., registered office in Via Scozia, 64026 Roseto degli Abruzzi (TE) Italy, as a manufacturer of the in vitro medical-diagnostic device listed in the attached table, Revision 32.1 of 07.06.2017

hereby certifies under its own responsibility

1. that the above mentioned device complies with all the applicable provisions of Directive 98/79/EC (Annex III) and its relevant transposition into national law;
2. the above mentioned is not included in Annex II, List A and B of Directive 98/79/EC;
3. that the technical documentation referred to at Annex III of the Directive 98/79/EC is available for the national authorities in its facility and that this documentation shall be kept for 5 years after the last product has been manufactured;
4. that the manufacturing process follows suitable principles of quality assurance;
5. that, has implemented and keep up to date, a post-production surveillance system for monitoring the products;
6. that the device in question, was introduced into the market provided with CE mark.

Roseto, 07.06.2017

Direttore Tecnico/ Technical Director
Dott. Silvio Drocco

10002	DNA AGAR + BLU DI TOLUIDINA
10004	CLED ANDRADE AGAR
10004*	CLED ANDRADE AGAR
10005	MAC CONKEY SORBITOL AGAR
10005*	MAC CONKEY SORBITOL AGAR
10006	TRYPTIC SOY AGAR + 0,6% YEAST EXTRACT
10007	BACILLUS CEREUS AGAR (PEMBA)
10007*	BACILLUS CEREUS AGAR (PEMBA)
10013	DNase TEST AGAR
10013*	DNase TEST AGAR
10014	Purple Lactose Agar
10014*	Purple Lactose Agar
10017	CZAPEK DOX AGAR
10018	DRIGALSKY LACTOSE AGAR
10020	Baird Parker Agar
10020*	Baird Parker Agar
10021	BIGGY (NICKERSON) AGAR
10021*	BIGGY (NICKERSON) AGAR
10022	BRILLIANT GREEN AGAR
10022*	BRILLIANT GREEN AGAR
10023	Chocolate Agar
10023*	Chocolate Agar
10024	TRYPTOSE AGAR
10024*	TRYPTOSE AGAR
10025	COLUMBIA AGAR (Horse Blood 5%)
10025*	COLUMBIA AGAR (Horse Blood 5%)
10026	CLED AGAR
10026*	CLED AGAR
10027	BACILLUS CEREUS AGAR (Mossel)
10027*	BACILLUS CEREUS AGAR (Mossel)
10028	ISOSENSITEST AGAR
10028*	ISOSENSITEST AGAR
10029	MAC CONKEY AGAR
10029*	MAC CONKEY AGAR
10030	MANNITOL SALT AGAR
10030*	MANNITOL SALT AGAR
10031	MUELLER HINTON II AGAR
10031*	MUELLER HINTON II AGAR
10033	PSEUDOMONAS (CETRIMIDE) AGAR
10033*	PSEUDOMONAS (CETRIMIDE) AGAR
10035	SABOURAUD AGAR
10035*	SABOURAUD AGAR
10035S	SABOURAUD AGAR Irradiated
10036	S.S. AGAR
10036*	S.S. AGAR
10037	Tryptic Soy Agar
10037*	Tryptic Soy Agar
10037S	TRYPTIC SOY AGAR Irradiated
10039	ROGOSA AGAR
10039*	ROGOSA AGAR
10040	NEW YORK CITY AGAR
10040*	NEW YORK CITY AGAR
10041	LISTERIA PALCAM AGAR
10041*	LISTERIA PALCAM AGAR
10042	CRYSTAL VIOLET AGAR (Sheep Blood 5%)
10042*	CRYSTAL VIOLET AGAR (Sheep Blood 5%)
10043	HEKTOEN ENTERIC AGAR
10043*	HEKTOEN ENTERIC AGAR
10044	NUTRIENT AGAR
10044*	NUTRIENT AGAR

10046	SERUM TELLURITE AGAR
10047	BISMUTH SULFITE AGAR
10047*	BISMUTH SULFITE AGAR
10048	E.M.B. LEVINE AGAR
10048*	E.M.B. LEVINE AGAR
10050	CAMPYLOBACTER AGAR (Sheep Blood 5%)
10050*	CAMPYLOBACTER AGAR (Sheep Blood 5%)
10051	Legionella BCYE Agar
10051*	Legionella BCYE Agar
10052	YERSINIA SELECTIVE AGAR
10052*	YERSINIA SELECTIVE AGAR
10053	WILKINS CHALGREEN AGAR
10053*	WILKINS CHALGREEN AGAR
10054	WURTZ LACTOSE AGAR
10054*	WURTZ LACTOSE AGAR
10056	X.L.D. AGAR
10056*	X.L.D. AGAR
10057	BILE AESCULIN AGAR
10057*	BILE AESCULIN AGAR
100563	TRYPTIC SOY AGAR Irradiated 30 mL
10060	BRAIN HEART INFUSION AGAR
10060*	BRAIN HEART INFUSION AGAR
10064	CHRISTENSEN UREA AGAR
10066	SCHAEDLER KKV AGAR (Sheep Blood 5%)
10066*	SCHAEDLER KKV AGAR (Sheep Blood 5%)
10067	SCHAEDLER AGAR (Sheep Blood 5%)
10069	XLT 4 Agar
10069*	XLT 4 Agar
10074S	TRYPTIC SOY AGAR+NEUTRALIZING Irradiated
10078	MUELLER HINTON II MOD. AGAR
10078*	MUELLER HINTON II MOD. AGAR
10079	GASTONE AGAR
10079*	GASTONE AGAR
10080	HAEMOPHILUS TEST AGAR
10080*	HAEMOPHILUS TEST AGAR
10082	HELICOBACTER PYLORI AGAR
10082*	HELICOBACTER PYLORI AGAR
10090	M.R.S. Agar
10090*	M.R.S. Agar
10096	BRAIN HEART AGAR FOR HAEMOPHILUS
10129	MAC CONKEY AGAR MUG
10129*	MAC CONKEY AGAR MUG
10131	Mueller Hinton II Agar (Sheep Blood 5%)
10131*	Mueller Hinton II Agar (Sheep Blood 5%)
10132	Mueller Hinton Fastidious Agar (Horse Blood 5% + 20 mg/L β-NAD)
10132*	Mueller Hinton Fastidious Agar (Horse Blood 5% + 20 mg/L β-NAD)
10134	Legionella BMPA Agar
10141	SALMONELLA TEST AGAR
10141*	SALMONELLA TEST AGAR
10142	BLOOD AGAR (Sheep Blood 7%) (ISO 10560)
10142*	BLOOD AGAR (Sheep Blood 7%) (ISO 10560)
10143	Mueller Hinton Agar + 5 % Horse Blood Lysed
10145	CAMPYLOBACTER KARMALI AGAR
10146	CAMPYLOBACTER PRESTON AGAR
10148	CAMPYLOBACTER AGAR (Sheep Blood 10%)
10224	Baird Parker Agar
10226	LISTERIA PALCAM AGAR 140 mm
10231	MUELLER HINTON II AGAR 140 mm
10233	D.P.M.I. AGAR

10235	Sabouraud CAF Agar + Gentamicin
10235*	Sabouraud CAF Agar + Gentamicin
10235S	Sabouraud CAF Agar + Gentamicin Irradiated
10236	CLED AGAR 140 mm
10240	SCHAEDLER K AGAR (Sheep Blood 5%) 140mm
10241	SCHAEDLER KKV AGAR (Sheep Blood 5%) 140mm
10242	SABOURAUD CAF AGAR 140 mm
10243	Sabouraud CAF Agar + Gentamicin 140mm
10244	DERMATOPHYTE (D.T.M.) AGAR 140 mm
10246	BRUCELLA BLOOD AGAR w HEMIN AND VITAMIN K1
10256	Chromatic™ [illegible]
10257	Brucella Blood Agar with Hemin and Vitamin K1
10258	Purple Lactose Agar 140 mm
10334	NEOMYCIN BLOOD AGAR (Sheep Blood 5%)
10334*	NEOMYCIN BLOOD AGAR (Sheep Blood 5%)
10335	MUELLER HINTON CHOCOLATE AGAR
10353	BORDET GENGOU AGAR (Sheep Blood 15%)
10353*	BORDET GENGOU AGAR (Sheep Blood 15%)
10416	SCHAEDLER CNA AGAR (Sheep Blood 5%)
10417	VANCOMYCIN SCREEN AGAR
10420	WILKINS CHALGREN AGAR +5% SHEEP BLOOD
10429	CAMPYLOBACTER CCDA AGAR
10430	MUELLER HINTON AGAR w VITALEX
10431	BILE ESCULIN AZIDE AGAR w VANCOMYCIN
10432	Legionella BCYE Agar w/o Cysteine
10433	XLD Agar EP, USP, JP Formulation
10434	MIDDLEBROOK 7H11 AGAR
10424	Legionella BCYE Agar w Vancomycin + Colistin
10435	SCEDOSPORIUM SELECTIVE AGAR
10438	MacConkey Agar No.2
10438*	MacConkey Agar No.2
10439	Group A Selective Strep Agar w/ 5% Sheep Blood
10443	Sabouraud CAF Agar 50 mg
10445	Chocolate Agar w/ Bacitracin, Vancomycin, Clindamycin
10526	CHROMATIC™ MRSA
10600	OXACILLIN RESISTANCE STAPHYLOCOCCUS AGAR
10601	CHOCOLATE AGAR w/ VITOX
10612	CAMPYLOBACTER SKIRROW AGAR
10625	HELICOBACTER PYLORI EGG YOLK EMULSION AGAR
10620	O.A LISTERIA
11021	CHOCOLATE BACITRACIN AGAR
11021*	CHOCOLATE BACITRACIN AGAR
11024	COLUMBIA CNA AGAR (Sheep Blood 5%)
11024*	COLUMBIA CNA AGAR (Sheep Blood 5%)
11025	COLUMBIA AGAR (Sheep Blood 5%)
11025*	COLUMBIA AGAR (Sheep Blood 5%)
11027	DESOXYCHOLATE AGAR
11027*	DESOXYCHOLATE AGAR
11030	ANAEROBIC AGAR
11032	PSEUDOMONAS ISOLATION AGAR
11032*	PSEUDOMONAS ISOLATION AGAR
11035	SABOURAUD CAF AGAR
11035*	SABOURAUD CAF AGAR
11035S	SABOURAUD CAF AGAR Irradiated
11037	TRYPTIC SOY AGAR (Sheep Blood 5%)
11037*	TRYPTIC SOY AGAR (Sheep Blood 5%)
11038	TRYPTIC SOY AGAR (Horse Blood 5%)
11038*	TRYPTIC SOY AGAR (Horse Blood 5%)
11040	THAYER MARTIN AGAR
11040*	THAYER MARTIN AGAR

11041	AZIDE AGAR (Sheep Blood 5%)
11041*	AZIDE AGAR (Sheep Blood 5%)
11052	DERMATOPHYTE (D.T.M.) AGAR
11052*	DERMATOPHYTE (D.T.M.) AGAR
11054	GARDNERELLA AGAR (Sheep Blood 5%)
11054*	GARDNERELLA AGAR (Sheep Blood 5%)
11057	ENTEROCOCCO AGAR
11057*	ENTEROCOCCO AGAR
11058	SLANETZ BARTLEY AGAR(m-ENTEROCOCCUS)
11058*	SLANETZ BARTLEY AGAR(m-ENTEROCOCCUS)
11063	CLOSTRIDIUM AGAR (Sheep Blood 5%)
11063*	CLOSTRIDIUM AGAR (Sheep Blood 5%)
11065	SCHAEDLER K AGAR (Sheep Blood 5%)
11065*	SCHAEDLER K AGAR (Sheep Blood 5%)
11070	MYCOSEL AGAR
11070*	MYCOSEL AGAR
11124	COLUMBIA CNA MOD. AGAR (Sheep blood 5%)
11124*	COLUMBIA CNA MOD. AGAR (Sheep blood 5%)
11132	Mueller Hinton Fastidious Agar (Horse blood 5% + 20 mg/L β-NAD) (140 mm)
11135	SABOURAUD AGAR MODIFIED
11135*	SABOURAUD AGAR MODIFIED
11143	HERELLEA AGAR
11143*	HERELLEA AGAR
11155	VOGEL JOHNSON AGAR
11155*	VOGEL JOHNSON AGAR
11156	T.C.B.S. AGAR
11156*	T.C.B.S. AGAR
11196	SPS AGAR
11196*	SPS AGAR
11200	PAR TEST AGAR
11200*	PAR TEST AGAR
11205	MYCOPLASMA AGAR
11206	Mueller Hinton II Agar + 2% NaCl
11231	Mueller Hinton II Agar (Sheep Blood 5%) 140 mm
11235	SABOURAUD CAF AGAR + TTC
11235*	SABOURAUD CAF AGAR + TTC
11238	Sabouraud CAF Agar + Actidione
11250	TINSDALE AGAR
11250*	TINSDALE AGAR
11335	SABOURAUD AGAR + GENTAMICIN
11335*	SABOURAUD AGAR + GENTAMICIN
11501	ENTEROCOCCUS AGAR + VANCOMYCIN
11506	BURKHOLDERIA CEPACIA SELECTIVE AGAR
11508	D.P.M.I. AGAR
11510	M.HINTON+GLUCOSE+METHYLEN BLUE
11512	NUTRIENT AGAR acc to ISO 21528
11513	NUTRIENT AGAR acc to ISO 6579
11517	COLUMBIA AGAR(Sheep Blood 5%)+VANCOMYCIN
11518	Mueller Hinton Agar + Cloxacillin
11610	Chromatic™ E coli O157
11611	CHROMATIC™ DETECTION
11612	CHROMATIC™ CANDIDA
11614	CHROMATIC™ SALMONELLA
11616	CHROMATIC™ STAPH AUREUS
11617	CHROMATIC™ STREPTO B
11618	CHROMATIC™ MH
11619	CHROMATIC™ CRE
11620	CHROMATIC™ VRE
11622	CHROMATIC™ ESBL
11627	Chromatic™ Enterococcus

11629	CHROMATIC™ ESBL + AmpC
11629*	CHROMATIC™ ESBL + AmpC
11631	Chromatic™ OXA-48
11632	Chromatic™ Clostridium difficile
11633	Chromatic™ Vibrio
11634	Chromatic™ Detection extra
11635	Chromatic™ Pseudomonas
12031	MUELLER HINTON II AGAR (120X120 mm)
12032	Mueller Hinton II Agar (Sheep Blood 5%) (120 mm x 120 mm)
12033	Mueller Hinton Fastidious Agar (Horse blood 5% + 20 mg/L β-NAD) (120 mm x 120 mm)
13012	CLED MACCONKEY/TSA BLOOD AGAR
13012*	CLED MACCONKEY/TSA BLOOD AGAR
13013	BAIRD PARKER BIGGY/MACCONKEY
13013*	BAIRD PARKER BIGGY/MACCONKEY
13014	COLUMBIA CNA/CIOCCOLATO/THAYER MARTIN
13014*	COLUMBIA CNA/CIOCCOLATO/THAYER MARTIN
13017	CLED/MACCONKEY MUG/MALTO
13017*	CLED/MACCONKEY MUG/MALTO
13018	BROM CRESOL PURPLE/COLUMBIA CNA/MCCONKEY
13018*	BROM CRESOL PURPLE/COLUMBIA CNA/MCCONKEY
13019	CLED MACCONKEY CETRIMIDE
13019*	CLED MACCONKEY CETRIMIDE
13020	MAC CONKEY/B.PARKER/TSA BLOOD
13045	GARDNERELLA V./ROGOSA/THAYER MARTIN
13045*	GARDNERELLA V./ROGOSA/THAYER MARTIN
13046	Gard V. / Chocolate / Thayer Martin
13071	BAIRD PARKER/MACCONKEY/SABOURAUD CAF
13071*	BAIRD PARKER/MACCONKEY/SABOURAUD CAF
13460	MACCONKEY/VOGEL JOHNSON/SABOURAUD
13460*	MACCONKEY/VOGEL JOHNSON/SABOURAUD
13602	SABOURAUD CAF/BAIRD PARKER/BILE ESCULINE
13602*	SABOURAUD CAF/BAIRD PARKER/BILE ESCULINE
13607	CHOC. BAC./COLUMBIA/MAC CONKEY
13607*	CHOC. BAC./COLUMBIA/MAC CONKEY
13614	CLED/MACCONKEY/ENTEROCOCCO
13614*	CLED/MACCONKEY/ENTEROCOCCO
105312	MYCOPLASMA AGAR
18007	CHROMATIC™ STAPH AUREUS/ MRSA
18008	TSA BLOOD/CHROMagar ORIENTATION
18008*	TSA BLOOD/CHROMagar ORIENTATION
18009	Chromatic™ Salmonella/Hektoen Enteric
18011	CHROMATIC™ DETECTION ESBL
18012	BRILLIANT GREEN / SS AGAR
18012*	BRILLIANT GREEN / SS AGAR
18015	BIGGY (NICKERSON) / MALT AGAR
18015*	BIGGY (NICKERSON) / MALT AGAR
18017	COLUMBIA CNA BLOOD/CHROMAGAR
18017*	COLUMBIA CNA BLOOD/CHROMAGAR
18019	MAC CONKEY/SABOURAUD CAF
18020	EMB LEVINE / TSA BLOOD
18020*	EMB LEVINE / TSA BLOOD
18021	Chromatic™ CRE / Chromatic™ ESBL
18021*	Chromatic™ CRE / Chromatic™ ESBL
18022	TSA Blood Columbia CNA
18023	Chromatic™ CRE / Chromatic™ OXA-48
18024	MSA / Chromatic™ MRSA
18025	Schaedler K / Schaedler KKV
18027	COLUMBIA CNA / MAC CONKEY
18027*	COLUMBIA CNA / MAC CONKEY

18379	GARDNERELLA V. / THAYER MARTIN
18379*	GARDNERELLA V. / THAYER MARTIN
18380	MAC CONKEY / TSA BLOOD
18380*	MAC CONKEY / TSA BLOOD
18390	BAIRD PARKER / SABOURAUD CAF
18390*	BAIRD PARKER / SABOURAUD CAF
18391	HEKTOEN ENTERIC / YERSINIA
18391*	HEKTOEN ENTERIC / YERSINIA
18472	COLUMBIA CNA / GARDNERELLA
18472*	COLUMBIA CNA / GARDNERELLA
18500	BAIRD PARKER / MAC CONKEY
18500*	BAIRD PARKER / MAC CONKEY
18502	CLED / MAC CONKEY
18502*	CLED / MAC CONKEY
18503	HEKTOEN ENTERIC / SS
18503*	HEKTOEN ENTERIC / SS
18505	MAC CONKEY / S.S AGAR
18505*	MAC CONKEY / S.S AGAR
18507	COLUMBIA CNA / CHOCOLATE
18507*	COLUMBIA CNA / CHOCOLATE
18555	D.T.M. / SABOURAUD
18555*	D.T.M. / SABOURAUD
18700	Group A Selective TSA II + Sheep Blood 5%
18703	CHOCOLATE AGAR /THAYER MARTIN
20076	MAC CONKEY BROTH [illegible] 20x5 ml
20077	PHYSIOLOGICAL SOLUTION 2.5 ml
20078	PHYSIOLOGICAL SOLUTION 1.5 ML
20081	INOCULUM SOLUTION 5 ML
20089	SUSPENSION BROTH
20090	HELICOBACTER PYLORI TEST
20095	PHYSIOLOGICAL SOLUTION
20105	Glucose Broth
20121	INOCULUM BROTH 7 ML
20128	TRYPTIC SOY BROTH 15 ml
20140	PURPLE LACTOSE BROTH
20150	SUSPENSION MEDIUM 7 ML
20158	MYCOPLASMA TRANSPORT BROTH
20159	TRICHOMONAS BROTH w CLORAMPHENICOL
20171	Thioglycollate Medium w Vit K1 & Hemin
20540	VAGITUBE
21241	Fluid Thioglycollate Medium
22130	SCHAEDLER BROTH
23001	F.B. FASTIDIOUS BROTH
23002	MUELLER HINTON BROTH + HORSE BLOOD (11ml)
23003	MUELLER HINTON BROTH
24075	MYCOSEL BROTH 20PV
24071	Cooked Meat Medium
24081	HAEMOPHILUS TEST BROTH 20PV
24098	PEPTONE WATER 20PV
24100	Alkaline Peptone Water
24103	NUTRIENT BROTH 20PV
24104	BRAIN HEART INFUSION BROTH 20PV
24105	Glucose Broth
24107	MUELLER HINTON II BROTH 20PV
24108	MULLER KAUFFMANN BROTH 20PV
24109	Sabouraud Dextrose Broth
24110	Selenite Broth
24111	TODD HEWITT BROTH 20PV
24112	TRYPTOSE BROTH 20PV
24115	TRICHOMONAS BROTH 20PV

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24117	Pergola Broth
24119	DUDHAJNA BROTH 20PV
24120	BILE AESCULIN BROTH 20PV
24124	Fluid Thioglycollate Medium
24125	SERUM BROTH 20PV
24127	Fluid Thioglycollate Medium + 1% Tween 80
24128	TRYPTIC SOY BROTH + TWEEN 80 1% 20PV
24135	SALMONELLA DIFFERENTIAL BROTH 20PV
24136	TRYPTONE WATER 20PV
24137	MALONATE BROTH 20PV
24139	LYSINE DECARBOXYLASE BROTH 20PV
24141	BRAIN HEART INFUSION BROTH 2 ml 20PV
24142	PHYSIOLOGICAL SOLUTION 3ml 20PV
24143	Selenite Broth
24144	TODD HEWITT w Colistin Nalidixic acid 20PV
24145	TODD HEWITT w Colistin Nalidixic 20PV
24146	THIOGLYCOLLATE M w/o INDICATOR acc. USP 20PV
24147	Thioglycollate Broth
24148	MRVP MEDIUM 20PV
24161	Sabouraud Dextrose Broth + CAF
24241	Fluid Thioglycollate Medium
24242	Motility Test Medium
24243	MU Semisolid Agar
24345	O.F. Medium with Glucose
24400	RAPPAPORT VASSILIADIS SOY (RSV) BROTH 20PV
24430	BIOTONE BROTH 20PV
24404	CAMPYLOBACTER BROTH 20PV
24411	S.F. BROTH 20PV
24412	STREPTOCOCCUS BROTH 20PV
24413	MOSSEL AND MARTIN w MANNITOL 20PV
24416	GICA BROTH 20PV
24417	Wilkins Chalgren Broth
24420	SCHAEDLER BROTH 20PV
24430	YERSINIA BROTH 20PV
24431	COOKED MEAT BROTH 20PV
24435	MIDDLEBROOK 7H9 BROTH 20PV
24446	PHENOL RED BROTH 20PV
24450	Rappaport Broth w/o Soy
24451	Tetrathionate Broth
24458	CASO BROTH (Double Concentration) CE 20PV
24461	BPW Broth
24462	BPW Broth (double strength)
24471	Listeria Motility Medium
24513	TRYPTIC SOY BROTH (FP)
24514	TRYPTIC SOY BROTH
24518	UREA BROTH
26130	Glucose Broth
26124	Fluid Thioglycollate Medium 100 x 10 ml
26142	Motility Test Medium
26160	RAPPAPORT VASSILIADIS SOY (RSV) BROTH
26176	Tryptic Soy Agar
26513	Tryptic Soy Broth
27001	GESA MEDIUM
27500	Tryptic Soy Broth
27501	Todd Hewitt Broth
27502	Brain Heart Infusion Broth
27570	Nutrient Broth
29000	CHECK-SET (BROTH medium) 30 Test
30007	CAMPYLOBACTER SELECTIVE THIOGLYCOLLATE MEDIUM
30008	CLOSTRIDIUM AGAR (Sheep Blood 5%)

30009	HELICOBACTER PYLORI AGAR
30010	STREPTOCOCCAL SF + TTC AGAR
30011	SIMMONS CITRATE AGAR
30013	NITRATI AGAR
30014	MOSSEL AGAR
30022	T.C.B.S. AGAR
30023	Sabouraud CAF Agar
30024	SABOURAUD CAF + ACTIDIONE AGAR
30033	M.R.S. AGAR
30039	BORDET GENGOU AGAR (Sheep Blood 15%)
30081	CHRISTENSEN UREA AGAR
30082	Tryptic Soy Agar
30083	NUTRIENT AGAR
30084	BRAIN HEART INFUSION AGAR
30085	PHENYLALANINE AGAR
30087	KLIGLER IRON AGAR
30088	KLIGLER IRON AGAR + NaCl 2%
30090	Mueller Hinton II Agar
30091	BIGGY (NICKERSON) AGAR
30093	SABOURAUD AGAR
30095	SIM MEDIUM
30096	T.S.I. AGAR
30097	Tryptose Agar
30098	LYSINE IRON AGAR
30099	Chocolate Agar
30116	LOEFFLER MEDIUM
30117	PERGOLA MEDIUM
30118	Lowenstein Jensen Medium
30119	LOWENSTEIN JENSEN MEDIUM w/o GLYCEROL
30121	Stonebrink Medium
30125	DORSET EGG MEDIUM
30244	MIDDLEBROOK 7H10 AGAR
31023	Sabouraud CAF Agar
31064	SPS Agar
31076	Mueller Hinton II Agar
31082	Tryptic Soy Agar
31083	Nutrient Agar ISO 16266
31090	Mueller Hinton II Agar
31097	Tryptose Agar
31099	Chocolate Agar
31121	Stonebrink Medium
31354	MAI Agar
30240	THAYER MARTIN AGAR
30255	MYCOSEL AGAR
30260	SERUM TELLURITE AGAR
30266	O.N.P.G. AGAR
30285	BILE AESCULIN AGAR
30286	DERMATOPHYTE (D.T.M.) AGAR
30318	U.T.M. MEDIUM
30320	PETRAGNANI MEDIUM
30270	CAMPYLOBACTER AGAR
30271	CYSTINE TRYPTIC AGAR (CTA)
34076	Mueller Hinton II Agar
34121	LOWENSTEIN JENSEN + RIFAMPICIN 15 µg/mL
34121/1	LOWENSTEIN JENSEN + RIFAMPICIN 20 µg/mL
34121/2	LOWENSTEIN JENSEN + RIFAMPICIN 10 µg/mL
34121/3	LOWENSTEIN JENSEN + RIFAMPICIN 20 µg/mL
34121/4	LOWENSTEIN JENSEN + RIFAMPICIN 50 µg/mL
34121/5	LOWENSTEIN JENSEN + RIFAMPICIN 20 µg/mL

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34122	LOWENSTEIN JENSEN + RIFAMPICIN 4 µg/mL
34123	LOWENSTEIN JENSEN + ISONIAZID 0.1 µg/mL
34123/1	LOWENSTEIN JENSEN + ISONIAZID 0.2 µg/mL
34123/2	LOWENSTEIN JENSEN + ISONIAZID 1 µg/mL
34123/3	LOWENSTEIN JENSEN + ISONIAZID 5 µg/mL
34123/4	LOWENSTEIN JENSEN + ISONIAZID 10 µg/mL
34124/1	LOWENSTEIN JENSEN + PYRAZINAMIDE 5 µg/mL
34124/2	LOWENSTEIN JENSEN + PYRAZINAMIDE 15 µg/mL
34124/3	LOWENSTEIN JENSEN + PYRAZINAMIDE 20 µg/mL
34124/4	LOWENSTEIN JENSEN + PYRAZINAMIDE 200 µg/mL
34125/1	LOWENSTEIN JENSEN + STREPTOMYCIN 4 µg/mL
34125/2	LOWENSTEIN JENSEN + STREPTOMYCIN 10 µg/mL
34125/3	LOWENSTEIN JENSEN + STREPTOMYCIN 25 µg/mL
34125/4	LOWENSTEIN JENSEN + STREPTOMYCIN 8 µg/mL
34125/5	LOWENSTEIN JENSEN + STREPTOMYCIN 50 µg/mL
34126/1	LOWENSTEIN JENSEN + ETHAMBUTOL 2 µg/mL
34126/2	LOWENSTEIN JENSEN + ETHAMBUTOL 4 µg/mL
34126/3	LOWENSTEIN JENSEN + ETHAMBUTOL 8 µg/mL
34126/4	LOWENSTEIN JENSEN + ETHAMBUTOL 1 µg/mL
34126/5	LOWENSTEIN JENSEN + ETHAMBUTOL 5 µg/mL
34126/6	LOWENSTEIN JENSEN + ETHAMBUTOL 10 µg/mL
34127	LOWENSTEIN JENSEN + AMIKACIN 5 µg/mL
34127/1	LOWENSTEIN JENSEN + AMIKACIN 40 µg/mL
34128/1	LOWENSTEIN JENSEN + OFLOXACIN 5 µg/mL
34128/2	LOWENSTEIN JENSEN + OFLOXACIN 10 µg/mL
34128/3	LOWENSTEIN JENSEN + OFLOXACIN 20 µg/mL
34128/4	LOWENSTEIN JENSEN + OFLOXACIN 2 µg/mL
34128/5	LOWENSTEIN JENSEN + OFLOXACIN 30 µg/mL
34129/1	LOWENSTEIN JENSEN + PAS 2 µg/mL
34129/2	LOWENSTEIN JENSEN + PAS 10 µg/mL
34129/3	LOWENSTEIN JENSEN + PAS 0.5 µg/mL
34129/4	LOWENSTEIN JENSEN + PAS 1 µg/mL
34129/5	LOWENSTEIN JENSEN + PAS 5 µg/mL
34130/1	LOWENSTEIN JENSEN + RIFABUTIN 10 µg/mL
34130/2	LOWENSTEIN JENSEN + RIFABUTIN 20 µg/mL
34130/3	LOWENSTEIN JENSEN + RIFABUTIN 50 µg/mL
34131/1	LOWENSTEIN JENSEN + CLARITHROMYCIN 4 µg/mL
34131/2	LOWENSTEIN JENSEN + CLARITHROMYCIN 2 µg/mL
34132/1	LOWENSTEIN JENSEN + ETHIONAMIDE 10 µg/mL
34132/2	LOWENSTEIN JENSEN + ETHIONAMIDE 20 µg/mL
34132/3	LOWENSTEIN JENSEN + ETHIONAMIDE 30 µg/mL
34132/4	LOWENSTEIN JENSEN + ETHIONAMIDE 40 µg/mL
34135/1	LOWENSTEIN JENSEN + NICOTINAMIDE 10 µg/mL
34135/2	LOWENSTEIN JENSEN + NICOTINAMIDE 20 µg/mL
34135/3	LOWENSTEIN JENSEN + NICOTINAMIDE 30 µg/mL
34136	LOWENSTEIN JENSEN + PEFLOXACIN 2 µg/mL
34137/1	LOWENSTEIN JENSEN + CYCLOSERINE 30 µg/mL
34137/2	LOWENSTEIN JENSEN + CYCLOSERINE 10 µg/mL
34137/3	LOWENSTEIN JENSEN + CYCLOSERINE 20 µg/mL
34137/4	LOWENSTEIN JENSEN + CYCLOSERINE 40 µg/mL
34137/5	LOWENSTEIN JENSEN + CYCLOSERINE 50 µg/mL
34138/1	LOWENSTEIN JENSEN + CAPREOMYCIN 10 µg/mL
34138/2	LOWENSTEIN JENSEN + CAPREOMYCIN 40 µg/mL
34138/3	LOWENSTEIN JENSEN + CAPREOMYCIN 20 µg/mL
34138/4	LOWENSTEIN JENSEN + CAPREOMYCIN 30 µg/mL
34139/1	LOWENSTEIN JENSEN + CLOFAZIMINE 5 µg/mL
34139/2	LOWENSTEIN JENSEN + CLOFAZIMINE 10 µg/mL
34140/1	LOWENSTEIN JENSEN + KANAMYCIN 10 µg/mL
34140/2	LOWENSTEIN JENSEN + KANAMYCIN 20 µg/mL
34140/3	LOWENSTEIN JENSEN + KANAMYCIN 30 µg/mL

34144	LOWENSTEIN JENSEN + PYRUVATE 0.2%
34145	LOW JENSEN + PACT
34146/1	Lowenstein Jensen + Levofloxacin 2 µg/ml
35000	LOWENSTEIN JENSEN MEDIUM
35001	LOWENSTEIN JENSEN + ISONIAZID 0.20 µg/mL
35002	LOWENSTEIN JENSEN + ISONIAZID 1 µg/mL
35010	LOWENSTEIN JENSEN + RIFAMPICIN 40 µg/mL
35011	LOWENSTEIN JENSEN + RIFAMPICIN 20 µg/mL
35020	LOWENSTEIN JENSEN + STREPTOMYCIN 4 µg/mL
35021	LOWENSTEIN JENSEN + STREPTOMYCIN 10 µg/mL
35030	LOWENSTEIN JENSEN + ETHAMBUTOL 2 µg/mL
35040	LOWENSTEIN JENSEN + ETHIONAMIDE 20 µg/mL
35041	LOWENSTEIN JENSEN + ETHIONAMIDE 20 µg/ml
35050	LOWENSTEIN JENSEN + PROTIONAMIDE 1 µg/mL
35060	LOWENSTEIN JENSEN + KANAMYCIN 20 µg/mL
35061	LOWENSTEIN JENSEN + KANAMYCIN 30 µg/ml
35070	LOWENSTEIN JENSEN + PAS 1 µg/mL
35071	LOWENSTEIN JENSEN + PAS 0.5 µg/mL
35080	LOWENSTEIN JENSEN + OFLOXACIN 2 µg/ml
35081	LOWENSTEIN JENSEN + OFLOXACIN 10 µg/ml
35082	LOWENSTEIN JENSEN + OFLOXACIN 40 µg/ml
35090	LOWENSTEIN JENSEN + CAPREOMYCIN 40 µg/ml
35091	LOWENSTEIN JENSEN + CAPREOMYCIN 20 µg/ml
35101	LOWENSTEIN JENSEN + PNB 500 µg/ml
36147	LOWENSTEIN JENSEN + TCH 2 µg/ml
36148	LOWENSTEIN JENSEN + TCH 5 µg/ml
36001/1	BJTM + STREPTOMYCIN 2 µg/mL
36001/2	BJTM + STREPTOMYCIN 4 µg/mL
36001/3	BJTM + STREPTOMYCIN 8 µg/mL
36001/4	BJTM + STREPTOMYCIN 25 µg/mL
36001/5	BJTM + STREPTOMYCIN 10 µg/mL
36002/1	BJTM + ISONIAZID 0.1 µg/mL
36002/2	BJTM + ISONIAZID 0.2 µg/mL
36002/3	BJTM + ISONIAZID 1 µg/mL
36002/4	BJTM + ISONIAZID 5 µg/mL
36002/5	BJTM + ISONIAZID 10 µg/mL
36003/1	BJTM + ETHAMBUTOL 1 µg/mL
36003/2	BJTM + ETHAMBUTOL 2 µg/mL
36003/3	BJTM + ETHAMBUTOL 4 µg/mL
36003/4	BJTM + ETHAMBUTOL 5 µg/mL
36003/5	BJTM + ETHAMBUTOL 10 µg/mL
36004/1	BJTM + RIFAMPICIN 1 µg/mL
36004/2	BJTM + RIFAMPICIN 10 µg/mL
36004/3	BJTM + RIFAMPICIN 20 µg/mL
36004/4	BJTM + RIFAMPICIN 40 µg/mL
36004/5	BJTM + RIFAMPICIN 50 µg/mL
36005/1	BJTM + RIFABUTIN 10 µg/mL
36005/2	BJTM + RIFABUTIN 20 µg/mL
36005/3	BJTM + RIFABUTIN 30 µg/mL
36005/4	BJTM + RIFABUTIN 40 µg/mL
36005/5	BJTM + RIFABUTIN 50 µg/mL
36006/1	BJTM + CYCLOSERINE 10 µg/mL
36006/2	BJTM + CYCLOSERINE 20 µg/mL
36006/3	BJTM + CYCLOSERINE 30 µg/mL
36006/4	BJTM + CYCLOSERINE 40 µg/mL
36006/5	BJTM + CYCLOSERINE 50 µg/mL
36007/1	BJTM + OFLOXACIN 1.25 µg/mL
36007/2	BJTM + OFLOXACIN 2.5 µg/mL
36007/3	BJTM + OFLOXACIN 10 µg/mL
36007/4	BJTM + OFLOXACIN 20 µg/mL
36007/5	BJTM + OFLOXACIN 40 µg/mL

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36008/1	BJTM + PAS 0.1 µg/mL
36008/2	BJTM + PAS 0.5 µg/mL
36008/3	BJTM + PAS 1 µg/mL
36008/4	BJTM + PAS 5 µg/mL
36008/5	BJTM + PAS 10 µg/mL
36009/1	BJTM + PYRAZINAMIDE 10 µg/mL
36009/2	BJTM + PYRAZINAMIDE 30 µg/mL
36009/3	BJTM + PYRAZINAMIDE 50 µg/mL
36009/4	BJTM + PYRAZINAMIDE 70 µg/mL
36009/5	BJTM + PYRAZINAMIDE 90 µg/mL
37000	MIDDLEBROOK 7H11
37001	MIDDLEBROOK 7H11 + AMIKACIN 2 µg/mL
37002	MIDDLEBROOK 7H11 + AMIKACIN 4 µg/mL
37006	MIDDLEBROOK 7H11 + ETHAMBUTOL 7.5 µg/mL
37011	MIDDLEBROOK 7H11 + ETHIONAMIDE 10 µg/mL
37016	MIDDLEBROOK 7H11 + ISONIAZID 0.2 µg/mL
37017	MIDDLEBROOK 7H11 + ISONIAZIDE 1 µg/mL
37021	MIDDLEBROOK 7H11 + KANAMYCIN 6 µg/mL
37026	MIDDLEBROOK 7H11 + PAS 8 µg/mL
37031	MIDDLEBROOK 7H11 + PYRAZINAMIDE 25 µg/mL
37036	MIDDLEBROOK 7H11 + RIFABUTIN 1 µg/mL
37037	MIDDLEBROOK 7H11 + RIFABUTIN 8 µg/mL
37041	MIDDLEBROOK 7H11 + RIFAMPICIN 1 µg/mL
37046	MIDDLEBROOK 7H11 + STREPTOMYCIN 2 µg/mL
37051	MIDDLEBROOK 7H11 + OFLOXACIN 2 µg/mL
37056	MIDDLEBROOK 7H11 + CYCLOSERINE 30 µg/mL
400120	Fluid Thioglycollate Medium 6 x 100 ml
400170	Fluid Thioglycollate Medium 6 x 300 ml
400220	Fluid Thioglycollate Medium 6 x 1000 ml
401070	BUFFER SOLUTION pH 7 6X100 ml
401800	SPS Agar 6X100 ml
401850	TRYPTONE WATER 6X100 ml
401950	Alkaline Peptone Water 6 x 100 ml
402000	NUTRIENT BROTH 6X100 ml
402010	MUELLER HINTON II BROTH 6X100 ml
402030	MULLER KAUFFMANN BROTH 6X100 ml
402040	Sabouraud Dextrose Broth 6 x 100 ml
402050	Selenite Broth 6 x 100 ml
402060	SALMONELLA DIFF BROTH 6X100 ml
402070	TRYPTOSE BROTH 6X100 ml
402100	MRS AGAR 6X100 ml
402110	PEPTONE WATER 6X100 ml
402140	BLOOD AGAR BASE 6X100 ml
402150	AZIDE BLOOD AGAR BASE 6X100 ml
402160	CLED AGAR 6X100 ml
402190	NUTRIENT AGAR 6X100 ml
402200	DERMATOPHYTE (D.T.M.) AGAR 6X100 ml
402210	COLUMBIA CNA AGAR BASE 6X100 ml
402220	DRIGALSKI LACTOSE AGAR 6X100 ml
402230	HEKTOEN ENTERIC AGAR 6X100 ml
402240	MAC CONKEY AGAR 6X100 ml
402250	MUELLER HINTON II AGAR 6X100 ml
402260	PSEUDOMONAS CETRIMIDE AGAR 6X100 ml
402270	SABOURAUD AGAR 6X100 ml
402280	MANNITOL SALT AGAR 6X100 ml
402290	S.S. AGAR 6X100 ml
402300	TRYPTOSE AGAR 6X100 ml
402310	BRILLIANT GREEN AGAR 6X100 ml
402320	DESOXYCHOLATE AGAR 6X100 ml
402330	E.M.B. LEVINE AGAR 6X100 ml

402350	SALMONELLA RAPID TEST 6X100 ml
403370	SABOURAUD CAF AGAR 6X100 ml
403330	BRAIN HEART INFUSION AGAR 6X100 ml
403430	PEPTONE DILUTIONS 6X100 ml
403450	MAC CONKEY SORBITOL AGAR 6X100 ml
403500	Fluid Thioglycollate Medium + 1% Tween 80
403570	X.L.D. AGAR 6X100 ml
403320	BIOTONE BROTH 6X100 ml
403050	S.I.M. MEDIUM 6X100 ml
403060	UREA INDOLE BROTH 6X100 ml
403130	Mossel Agar 6 x 100 ml
403140	TCBS Agar 6 x 100 ml
412010	BRAIN HEART INFUSION BROTH 6X200 ml
412020	SIMMONS CITRATE AGAR 6X200 ml
412040	LYSINE IRON AGAR 6X200 ml
412050	Selenite Broth 6 x 200 ml
412060	TODD HEWITT BROTH 6X200 ml
412090	TRICHOMONAS BROTH 6X200 ml
412100	CHRISTENSEN UREA AGAR 6X200 ml
412110	TRYPTIC SOY BROTH + TWEEN 80 1% 6x200ml
412150	PSEUDOMONAS AGAR BASE 6X200 ml
412180	AZIDE BLOOD AGAR BASE 6X200 ml
412170	PHENILALANINE AGAR 6X200 ml
412190	CLED AGAR 6X200 ml
412200	NUTRIENT AGAR 6X200 ml
412210	COLUMBIA CNA AGAR BASE 6X200 ml
412230	HEKTOEN ENTERIC AGAR 6X200 ml
412240	MAC CONKEY AGAR 6X200 ml
412250	MUELLER HINTON II AGAR 6X200 ml
412270	PSEUDOMONAS CETRIMIDE AGAR 6X200 ml
412280	SABOURAUD AGAR 6X200 ml
412290	MANNITOL SALT AGAR 6X200 ml
412300	S.S. AGAR 6X200 ml
412370	SABOURAUD CAF AGAR 6X200 ml
413010	ISOSENSITEST AGAR 6X200 ml
413020	CAMPYLOBACTER AGAR 6X200 ml
413040	CLOSTRIDIUM AGAR BASE 6X200 ml
413260	NUTRIENT AGAR acc. to ISO 6579
413400	Nutrient Agar Semisolid 6 x 200 ml
414010	PEPTONE WATER pH 8 + NaCl 1% 6X225 ml
432050	Selenite Broth (Double Concentration)
432170	TRYPTIC SOY BROTH 6X225 ml
433250	D-Nase TEST AGAR 6X200 ml
442200	Tryptic Soy Agar 6 x 200 ml
442210	TRYPTIC SOY BROTH 6X200 ml
442220	Chocolate Agar 6 x 100 ml
442280	SABOURAUD MODIFIED AGAR 6X100 ml
442290	Tryptic Soy Agar 6 x 100 ml
442300	WURTZ LACTOSE AGAR 6X100 ml
442320	BILE AESCULIN AGAR 6X100 ml
442350	BIGGY (NICKERSON) AGAR 6X100 ml
442490	SFS AGAR 6X100 ml
451454	Alkaline Peptone Water 25 x 225 ml
452030	Sabouraud Dextrose Broth 25 x 100 mL
452050	Fluid Thioglycollate Medium 6 x 100 ml
452060	TRYPTIC SOY BROTH 6X100 ml
452210	COLUMBIA AGAR BASE 6X200 ml
452500	Fluid Thioglycollate Medium + 1% Tween 80 25 x 100 ml
465100	Fluid Thioglycollate Medium 25 x 100 ml
465100	Fluid Thioglycollate Medium 6 x 500 ml

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465130	Selenite Broth 6 x 1000 ml
470010	Tryptic Soy Agar 6 x 500 ml
470020	Selenite Broth 6 x 500 ml
470030	DESOXYCHOLATE AGAR 6X500 ml
470040	SABOURAUD AGAR 6X500 ml
470050	NUTRIENT BROTH 6X500 ml
470060	NUTRIENT AGAR 6X500 ml
470070	Mueller Hinton II Agar 6X500 ml
470080	MANNITOL SALT AGAR 6X500 ml
470090	MAC CONKEY AGAR 6X500 ml
470100	COLUMBIA AGAR BASE 6X500 ml
470110	CLED AGAR 6X500 ml
470120	Chocolate Agar 6 x 500 ml
470130	BLOOD AGAR BASE 6X500 ml
470140	BILE AESCULIN AGAR 6X500 ml
470150	TRICHOMONAS BROTH 6X500 ml
470160	DESOXYCHOLATE CITRATE AGAR 6X500 ml
470210	Alkaline Peptone Water 6 x 500 ml
470220	CZAPEK DOX AGAR 6X500 ml
470260	DRIGALSKI LACTOSE AGAR 6X500 ml
470291	CARY BLAIR TRANSPORT MEDIUM 6X500 ml
470300	Fluid Thioglycollate Medium 6 x 500 ml
470320	PEPTONE WATER 6X500 ml
470330	TRYPTIC SOY BROTH 6 x 500 ml
471070	Sabouraud Dextrose Broth 6 x 500 ml
471120	PHYSIOLOGICAL SOLUTION 6X240 ml
472000	PHYSIOLOGICAL SOLUTION 6X500 ml
481110	CHROMATIC™ CANDIDA 6X100 ml
481130	CHROMATIC™ DETECTION 6X100 ml
481140	CHROMATIC™ SALMONELLA 6X100 ml
481150	CHROMATIC™ STAPH AUREUS 6X100 ml
481160	CHROMATIC™ STREP B 6X100 ml
482100	Chromatic™ E.coli O157 6 x 200 ml
490010	HEMO AEROBIC culturing 6X80 ml
490020	HEMO ANAEROBIC culturing 6X80 ml
490030	HEMO AEROBIC culturing Pediatric 6X40 ml
490040	HEMO ANAEROBIC culturing Pediatric 6X40 ml
490050	HEMO AEROBIC culturing NEONATAL 6x9 ml
490060	HEMO ANAEROBIC culturing NEONATAL 6x9 ml
490000	Fluid Thioglycollate Medium 6 x 100 ml
495010	TRYPTIC SOY BROTH 6x100 ml
495020	Fluid Thioglycollate Medium 6 x 100 ml
500140	URITEST PENTA
500150	URITEST
500160	URITEST M
500170	URITEST EF
500200	VAGITEST
50021	DERMATEST
500800	URITEST N
500802	URITEST
500803	URITEST MALTO
500812	URITEST EC
500815	URITEST PENTA
50030	LIRITEST
50040	URITEST M
50070	VAGITEST 100 slide
50021	DERMATEST
51023	URITEST N
51024	URITEST C
51030	URITEST 2

51040	URITEST MALTO
51041	URITEST EC
51070	URITEST EF
51110	URITEST M
51120	URITEST II 500 slide
51130	URITEST 2 500 slide
51140	URITEST MALTO
51170	CLED MAC CONKEY BILE AESCULIN
52115	CLED MAC CONKEY SALMETZ 500 slide
52116	URITEST EF 500 slide
610001	BILE AESCULIN AZIDE AGAR
610002	DEXTROSE AGAR
610005	BLOOD AGAR BASE
610006	BORDET GENGOU AGAR BASE
610007	BRAIN HEART INFUSION AGAR
610008	BRAIN HEART INFUSION BROTH
610009	BRAIN HEART INFUSION BROTH
610010	BRILLIANT GREEN AGAR
610012	CLED AGAR
610012S	CLED AGAR
610013	COLUMBIA AGAR BASE
610013S	COLUMBIA AGAR BASE
610014	DESOXYCHOLATE AGAR
610014S	DESOXYCHOLATE AGAR
610015	DESOXYCHOLATE CITRATE AGAR
610016	DRIGALSKI LACTOSE AGAR
610019	E.M.B. LEVINE AGAR
610021	HEKTOEN ENTERIC AGAR
610021S	HEKTOEN ENTERIC AGAR
610022	D.C. MEDIUM
610023	KLIGLER IRON AGAR
610024	M.R.S. AGAR (ISO FDIS 15214)
610025	M.R.S. BROTH (ISO FDIS 15214)
610026	LOWENSTEIN JENSEN MEDIUM
610026S	LOWENSTEIN JENSEN MEDIUM
610027	LYSINE IRON AGAR
610028	MAC CONKEY AGAR
610028S	MAC CONKEY AGAR
610029	MANNITOL SALT AGAR
610029S	MANNITOL SALT AGAR
610032	MR VP BROTH
610033	MUELLER HINTON AGAR
610033S	MUELLER HINTON AGAR
610034	MUELLER HINTON BROTH
610035	MULLER KAUFFMANN BROTH
610036	Nutrient Agar ISO 16266
610036S	Nutrient Agar ISO 16266
610037	NUTRIENT BROTH
610037S	NUTRIENT BROTH
610038	PEPTONE WATER
610039	PHENYLALANINE AGAR
610041	PSEUDOMONAS CETRIMIDE AGAR (ISO 6366-1)
610041S	PSEUDOMONAS CETRIMIDE AGAR
610042	SS AGAR (MODIFIED)
610042S	SS AGAR (MODIFIED)
610043	SCHAEDLER AGAR BASE
610044	PURPLE LACTOSE AGAR
610045	SIMMONS CITRATE AGAR
610047	SORBITOL AGAR
610048	AEROMONAS AGAR BASE

610049	LEGIONELLA BCYE AGAR BASE (ISO 11731)
610050	Fluid Thioglycollate Medium
6100505	Fluid Thioglycollate Medium
610051	TODD HEWITT BROTH
6100515	TODD HEWITT BROTH
610052	Tryptic Soy Agar
6100525	Tryptic Soy Agar
610053	TRYPTIC SOY BROTH
6100535	TRYPTIC SOY BROTH
610055	T.S.I. AGAR USP
610056	CLOSTRIDIUM BROTH
6100565	CLOSTRIDIUM BROTH
610057	MAC CONKEY AGAR No2
6100575	MAC CONKEY AGAR No2 5 KG
610060	X.L.D. AGAR (ISO 6579)
6100605	X.L.D. AGAR
610061	TRICHOMONAS BROTH
610065	GSP AGAR BASE (PELAM)
610071	PSEUDOMONAS AGAR BASE
610072	CZAPEK DOX BROTH
610075	PHENYLALANINE MALONATE BROTH
610078	BRUCELLA AGAR BASE
610080	WORT BROTH w/o NaCl
610083	XLT 4 AGAR
610085	CZAPEK DOX AGAR
610086	REINFORCED CLOSTRIDIAL AGAR
610087	STAPHYLOCOCCUS BROTH
610088	Alkaline Peptone Water
610101	MALT AGAR
610103	SABOURAUD AGAR
6101035	SABOURAUD AGAR
610104	Sabouraud Dextrose Broth
610107	UREA AGAR BASE (ISO 6785)
610108	MAC CONKEY SORBITOL AGAR
610109	P.P.L.O. BROTH
610110	MUELLER HINTON AGAR MODIFIED
610111	YERSINIA SELECTIVE AGAR BASE
610112	CLED ANDRADE AGAR
610113	COLUMBIA CNA AGAR BASE
610114	BACILLUS CEREUS AGAR BASE (MOSSEL) ISO 7932
610115	CLOSTRIDIUM DIFFICILE AGAR BASE
610117	TRYPTONE YEAST AGAR
610118	ANDRADE LACTOSE PEPTONE WATER
610120	CORN MEAL AGAR
610125	LEGIONELLA CYE AGAR BASE
610129	MAC CONKEY AGAR w/o BILE SALT
610130	CAMPYLOBACTER BLOOD FREE MEDIUM BASE
610131	CAMPYLOBACTER ENRICHMENT BROTH BASE
610132	MOTILITY TEST AGAR
610134	SLANETZ BARTLEY AGAR BASE ISO 7899-2
610135	BIGGY (NICKERSON) AGAR
610136	BACILLUS CEREUS AGAR BASE (PEMBA)
610137	SCHAEDLER BROTH
610140	E.M.B. AGAR w LACTOSE + SUCROSE
610143	LIVER BROTH
610144	[illegible] BROTH w/o GLUCOSE
610145	Selenite Broth
6101455	Selenite Broth
610146	SABOURAUD MALTOSE AGAR
610147	SLANETZ AND BARTLEY AGAR + TTC

6101475	SLANETZ AND BARTLEY AGAR + TTC
610149	SPS AGAR
610151	BILE AESCULIN BROTH
610152	AMIES TRANSPORT MEDIUM + CHARC.
6101525	AMIES TRANSPORT MEDIUM + CHARC.
610155	AZIDE BLOOD AGAR BASE
610156	AZIDE VIOLET BLOOD AGAR BASE
610157	BIOTONE AGAR
610158	BIOTONE BROTH
610159	CPLM SELECTIVE WITH CAF
610160	DERMATOPHYTE (D.T.M.) AGAR
610161	DEXTROSE BROTH
610163	G.N. HAJNA BROTH
610164	HERELLEA AGAR
6101645	HERELLEA AGAR
610165	KOSER CITRATE MEDIUM
610168	LISTERIA PALCAM AGAR
610169	U.T.M. MEDIUM
610170	MAC CONKEY MUG AGAR
6101705	MAC CONKEY MUG AGAR
610172	MALONATE BROTH
610174	PHENOL RED BROTH BASE
610178	RAPPAPORT VASSILIADIS BROTH (ISO 6785-6579)
610176	ROGOSA AGAR
610177	ROGOSA BROTH
610179	SABOURAUD CAF AGAR + ACTIDIONE
610180	S.F. BROTH
610181	S.I.M. MEDIUM
610182	STUART TRANSPORT MEDIUM
610183	TETRATHIONATE BROTH BASE
610185	TRYPTIC (CTA) MEDIUM
610186	VOGEL JOHNSON AGAR
610188	BLOOD AGAR BASE N. 2
610191	AMIES TRANSPORT MEDIUM (w/o CHARCOAL)
6101915	AMIES TRANSPORT MEDIUM (w/o CHARCOAL)
610193	TRYPTOSE AGAR
610199	MAC CONKEY AGAR w/o CRYSTAL VIOLET
610196	TRYPTIC BILE AGAR
610197	TRYPTOFAN BROTH
610200	CAMPYLOBACTER KARMALI AGAR BASE
610203	SABOURAUD CAF AGAR
6102035	SABOURAUD CAF AGAR 5 KG
610205	DNase TEST AGAR
610206	TRYPTONE WATER (ISO DIS 3811)
610207	CLOSTRIDIUM PERFRINGENS AGAR BASE
610210	BILE AESCULIN AGAR
610211	KLIGLER IRON AGAR MOD.
610214	MIDDLEBROOK 7H9 BROTH BASE
610217	NUTRIENT BROTH N 2
610218	Mueller Hinton II Broth
610221	ANTIBIOTIC TEST MEDIUM
610222	CLOSTRIDIUM BROTH w/o AGAR
6102225	CLOSTRIDIUM BROTH w/o AGAR
610223	MAC CONKEY AGAR w/o Salt
610227	PHENOL RED AGAR BASE
610229	ANTIBIOTIC MEDIUM E
610230	OXIDATIVE FERMENTATIVE MEDIUM
610233	TRYPTOSE BROTH
610235	MANNITOL MOTILITY TEST MEDIUM
610236	MOTILITY INDOLE UREA AGAR (M.I.U.)

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610246	LB AGAR
610301	BISMUTH SULPHITE AGAR
610303	Lysine Decarboxylase Broth
610304	OF BASAL MEDIUM
610305	ORNITHINE DECARBOXYLASE BROTH
610306	ARGININE DECARBOXYLASE BROTH
610308	PHENOL RED AGAR BASE
610309	PSEUDOMONAS AGAR F
610310	PSEUDOMONAS AGAR P
610311	UREA BROTH
610316	ANTIBIOTIC AGAR N. 11
610318	PFIZER SELECTIVE ENTEROCOCCUS AGAR
610322	NITRATE BROTH
610331	DIAGNOSTIC SENSITIVITY TEST AGAR (D.S.T.)
610338	T.B.X. AGAR acc. EP
610341	[illegible] BROTH
610343	MANNITOL SALT BROTH
610361	Yeast Extract Sodium Lactate medium
610364	Tryptose Phosphate Broth
6103645	Tryptose Phosphate Broth
610372	Cooked Meat Medium
610492	POLYPEPTONE
610495	BRAIN HEART INFUSION
6104951	BRAIN HEART INFUSION
610496	ACID HYDROLISATE OF CASEIN
610497	BEEF EXTRACT
6104975	BEEF EXTRACT
610498	LACTOSE
6104985	LACTOSE
610500	CYSTINE HEART AGAR
610611	CHROMATIC™ SALMONELLA
610612	CHROMATIC™ DETECTION
6106125	CHROMATIC™ DETECTION
610613	CHROMATIC™ CANDIDA
610614	Chromatic™ E.coli O157
610615	CHROMATIC™ MRSA
610616	CHROMATIC™ STAPH AUREUS
610617	CHROMATIC™ STREP B
610625	SABOURAUD CAF (50 mg/L) AGAR
610627	MUELLER HINTON II AGAR
6106275	MUELLER HINTON II AGAR
610629	CHROMATIC™ ESBL
610633	Chromatic™ Vibrio
611000	SODIUM CHLORIDE
611001	AGAR
6110015	AGAR
611002	GELATIN BACTERIOLOGICAL
6110025	GELATIN BACTERIOLOGICAL
611003	SODIUM SELENITE
6110035	SODIUM SELENITE
611004	TRYPTONE
6110045	TRYPTONE
611005	YEAST EXTRACT
6110055	YEAST EXTRACT
611006	MALT EXTRACT
6110065	MALT EXTRACT
611007	CAMPYLOBACTER AGAR BASE
611008	TRYPTOSE
6110085	TRYPTOSE
611009	GLUCOSIO

611010	T.C.B.S. AGAR
611015	SIERRA LIPOLYTIC AGAR
611021	HEART INFUSION BROTH
6110215	HEART INFUSION BROTH
611022	MIDDLEBROOK 7H10 AGAR BASE
611200	SABOURAUD CAF (1g/l) AGAR
611210	WURTZ LACTOSE AGAR
611265	ISOSENSITEST AGAR
611356	STAPHYLOCOCCUS 110 AGAR
611367	BILE BACTERIOLOGICAL
611401	IRON SULPHITE AGAR
611402	CARY BLAIR TRANSPORT MEDIUM
611500	CASEIN PEPTONE
611601	GLUCOSE
6116015	GLUCOSE
611602	Maltose
611616	CHROMATIC™ MH
611619	CHROMATIC™ CRE AGAR BASE
611701	PEPTONE BACTERIOLOGICAL
6117015	PEPTONE BACTERIOLOGICAL
611706	Hemoglobin
611801	SUCROSE
6118015	SUCROSE
611901	BILE SALT N.3
6119015	BILE SALT N.3
612001	LIVER EXTRACT
6120015	LIVER EXTRACT
612101	PEPTONE MYCOLOGICAL
6121015	PEPTONE MYCOLOGICAL
612201	PROTEOSE PEPTONE
6122015	PROTEOSE PEPTONE
612232	STREPTOCOCCUS SELECTIVE AGAR
612003	STREPTOCOCCUS BROTH
612501	SOYPEPTONE
6125015	SOYPEPTONE
620001	BILE AESCULIN AZIDE AGAR
620003	DEXTROSE AGAR
620005	BLOOD AGAR BASE
620006	BORDET GENGOU AGAR BASE
620007	BRAIN HEART INFUSION AGAR
620008	BRAIN HEART INFUSION BROTH
620009	BRILLIANT GREEN AGAR
620012	CLED AGAR
620013	COLUMBIA AGAR BASE
620014	DESOXYCHOLATE AGAR
620015	DESOXYCHOLATE CITRATE AGAR
620016	DRIGALSKY LACTOSE AGAR
620018	E.M.B. LEVINE AGAR
620021	HEKTOEN ENTERIC AGAR
620022	G.C. MEDIUM
620023	KLIGLER IRON AGAR
620024	M.R.S. AGAR (ISO/FDIS 15214)
620025	M.R.S. BROTH (ISO/FDIS 15214)
620026	LOWENSTEIN JENSEN MEDIUM
620027	LYSINE IRON AGAR
620028	MAC CONKEY AGAR
620029	MANNITOL SALT AGAR
620032	MR-VP BROTH
620033	MUELLER HINTON AGAR
620034	MUELLER HINTON BROTH

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620035	MULLER KAUFFMANN BROTH
620036	[illegible] Agar ISO 16266
620037	NUTRIENT BROTH
620038	PEPTONE WATER
620039	PHENYLALANINE AGAR
620041	PSEUDOMONAS CETRIMIDE AGAR (ISO 8360-1)
620042	SS AGAR (MODIFIED)
620043	SCHAEDLER AGAR BASE
620044	PURPLE LACTOSE AGAR
620046	SIMMONS CITRATE AGAR
620047	[illegible] AGAR
620048	AEROMONAS AGAR BASE
620049	LEGIONELLA BCYE AGAR BASE (ISO 11731)
620050	Fluid Thioglycollate Medium
620051	TODD HEWITT BROTH
620052	Tryptic Soy Agar
620053	TRYPTIC SOY BROTH
620055	T.S.I. AGAR USP
620056	CLOSTRIDIUM BROTH
620057	MAC CONKEY AGAR No 2
620060	X.L.D. AGAR (ISO 6579)
620061	TRICHOMONAS BROTH
620065	GSP AGAR BASE (PELAM)
620071	PSEUDOMONAS AGAR BASE
620072	CZAPEK DOX BROTH
620075	PHENYLALANINE MALONATE BROTH
620078	BRUCELLA AGAR BASE
620083	XLT 4 AGAR
620085	CZAPEK DOX AGAR
620086	REINFORCED CLOSTRIDIAL AGAR
620087	STAPHYLOCOCCUS BROTH
620088	Alkaline Peptone Water
620101	MALT AGAR
620103	SABOURAUD AGAR
620104	Sabouraud Dextrose Broth
620107	UREA AGAR BASE (ISO 6785)
620108	MAC CONKEY SORBITOL AGAR
620109	P.P.L.O. BROTH
620110	MUELLER HINTON AGAR MODIFIED
620111	YERSINIA SELECTIVE AGAR BASE
620112	CLED ANDRADE AGAR
620113	COLUMBIA CNA AGAR BASE
620114	BACILLUS CEREUS AGAR BASE (MOSSEL) ISO 7932
620115	CLOSTRIDIUM DIFFICILE AGAR BASE
620117	TRYPTONE YEAST AGAR
620118	ANDRADE LACTOSE PEPTONE WATER
620122	MIDDLEBROOK 7H10 AGAR BASE
620120	CORN MEAL AGAR
620125	LEGIONELLA CYE AGAR BASE
620130	CAMPYLOBACTER BLOOD FREE MEDIUM BASE
620131	CAMPYLOBACTER ENRICHMENT BROTH BASE
620132	MOTILITY TEST AGAR
620134	SLANETZ BARTLEY AGAR BASE ISO 7899-2
620135	BIGGY (NICKERSON) AGAR
620136	BACILLUS CEREUS AGAR BASE (PEMBA)
620137	SCHAEDLER BROTH
620140	E.M.B. AGAR w LACTOSE + SUCROSE
620143	LIVER BROTH
620144	[illegible] BROTH w/o GLUCOSE
620145	Selenite Broth

620146	SABOURAUD MALTOSE AGAR
620147	SLANETZ AND BARTLEY AGAR + TTC
620149	SPS AGAR
620151	BILE AESCULIN BROTH
620152	AMIES TRANSPORT MEDIUM + CHARC.
620155	AZIDE BLOOD AGAR BASE
620156	AZIDE VIOLET BLOOD AGAR BASE
620157	BIOTONE AGAR
620158	BIOTONE BROTH
620159	CPLM SELECTIVE WITH CAF
620160	DERMATOPHYTE (D.T.M.) AGAR
620161	DEXTROSE BROTH
620163	G.N. HAJNA BROTH
620164	HERELLEA AGAR
620165	KOSER CITRATE BROTH
620168	LISTERIA PALCAM AGAR
620169	U.T.M. MEDIUM
620170	MAC CONKEY MUG AGAR
620172	MALONATE BROTH
620174	PHENOL RED BROTH BASE
620178	RAPPAPORT VASSILIADIS BROTH
620176	ROGOSA AGAR
620177	ROGOSA BROTH
620179	SABOURAUD CAF AGAR + ACTIDIONE
620180	S.F. BROTH
620181	S.I.M. MEDIUM
620182	STUART TRANSPORT MEDIUM
620183	TETRATHIONATE BROTH BASE
620185	TRYPTIC (CTA) MEDIUM
620186	VOGEL JOHNSON AGAR
620188	BLOOD AGAR BASE N. 2
620191	AMIES TRANSPORT MEDIUM (w/o CHARCOAL)
620193	TRYPTOSE AGAR
620199	MAC CONKEY AGSAR w/o CRYSTAL VIOLET
620196	TRYPTIC BILE AGAR
620197	TRYPTOFAN BROTH
620200	CAMPYLOBACTER KARMALI AGAR BASE
620203	SABOURAUD CAF AGAR
620205	DNase TEST AGAR
620206	TRYPTONE WATER (ISO DIS 3811)
620207	CLOSTRIDIUM PERFRIGENS AGAR BASE
620210	BILE AESCULIN AGAR
620211	KLIGLER IRON AGAR MOD.
620214	MIDDLEBROOK 7H9 BROTH BASE
620217	NUTRIENT BROTH N 2
620218	Mueller Hinton II Broth
620227	PHENOL RED AGAR BASE
620229	ANTIBIOTIC MEDIUM E
620230	TRYPTOSE BROTH
620235	MANNITOL MOTILITY TEST MEDIUM
620303	Lysine Decarboxylase Broth
620309	PSEUDOMONAS AGAR F
620311	UREA BROTH
620495	BRAIN HEART INFUSION
620496	ACID HYDROLISATE OF CASEIN
620497	BEEF EXTRACT
620498	LACTOSE
620611	CHROMATIC™ SALMONELLA
620612	CHROMATIC™ DETECTION
620613	CHROMATIC™ CANDIDA

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620614	Chromatic™ E.coli O157
620615	CHROMATIC™ MRSA
620616	CHROMATIC™ STAPH AUREUS
620617	CHROMATIC™ STREP B
620627	MUELLER HINTON II AGAR
620629	CHROMATIC™ ESBL
621000	SODIUM CHLORIDE
621001	AGAR
621003	SODIUM SELENITE
621004	TRYPTONE
621005	YEAST EXTRACT
621006	MALT EXTRACT
621007	CAMPYLOBACTER AGAR BASE
621010	TCBS AGAR
621015	SIERRA LIPOLYTIC AGAR
621021	HEART INFUSION BROTH
621022	MIDDLEBROOK 7H10 AGAR BASE
621210	WURTZ LACTOSE AGAR
621265	ISOSENSITEST AGAR
621367	BILE BACTERIOLOGICAL
621401	IRON SULPHITE AGAR
621402	CARY BLAIR TRANSPORT MEDIUM
621601	GLUCOSE
621616	CHROMATIC™ MH
621619	CHROMATIC™ CRE AGAR BASE
621701	PEPTONE BACTERIOLOGICAL
622202	STREPTOCOCCUS SELECTIVE AGAR
630026	LOWENSTEIN JENSEN MEDIUM + GLYCEROL 1 litro
71616	ENTEROSYSTEM 18R 20 Test
71619	Enterosystem 24R 20 Test
71620	Anaerobe System 20 Test
71630	STAF SYSTEM 18 R 20 Test
71670	COPRO SYSTEM 40 Test
71675	COPRO SYSTEM Plus 20 Test
71676	PATHOGENIC SYSTEM DOUBLE 40 Test
71678	PATHOGENIC SYSTEM 20 Test
71681	PATHOGENIC SYSTEM AST
71714	INTEGRAL SYSTEM ENTEROBATTERI 20 Test
71718	INTEGRAL SYSTEM STAFILOCOCCHI 20 Test
71720	INTEGRAL SYSTEM STREPTOCOCCHI 20 Test
71724	INTEGRAL SYSTEM GARDNERELLA 20 TEST
71822	INTEGRAL SYSTEM YEASTS Plus 20 Test
72560	STREPTO SYSTEM 12 R 40 Test
72592	MYCOPLASMA SYSTEM Plus 20 Test
74156	A.F. GENITAL SYSTEM 20 Test
74160	URIN SYSTEM Plus 20 Test
74161	URIN SYSTEM Chrom 20 Test
75001	SensiTest Colistin 0.25 - 16 mg/L
75010	Sensi Test gram-negative 20 Test
75020	Sensi Test gram-positive 20 Test
75031	SensiQuattro Gram-negative 20 Test
75032	SensiQuattro Gram-positive 20 Test
75033	SensiQuattro Candida EU 20 Test
78618	ENTERO PLURI TEST 10 Test
78619	ENTERO PLURI TEST 25 Test
78620	OXI FERM PLURI TEST 10 Test
78621	OXI FERM PLURI TEST 25 Test
79010	Sensi Test gram-negative 4 Test
79020	Sensi Test gram-positive 4 Test
79031	SensiQuattro Gram-negative 4 Test

79032	SensiQuattro Gram-positive 4 Test
79033	SensiQuattro Candida EU 4 Test
79156	A.F. GENITAL SYSTEM 4 Test
79160	URIN SYSTEM Plus 4 Test
79161	URIN SYSTEM Chrom 4 Test
79560	STREPTO SYSTEM 12 R 8 Test
79592	MYCOPLASMA SYSTEM Plus 4 Test
79618	ENTEROSYSTEM 18R 4 Test
79619	Enterosystem 24R 4 Test
79620	Anaerobe System 4 Test
79630	STAF SYSTEM 18 R 4 Test
79670	COPRO SYSTEM 8 Test
79675	COPRO SYSTEM Plus 4 Test
79676	PATHOGENIC SYSTEM DOUBLE 8 Test
79678	PATHOGENIC SYSTEM 4 Test
79681	PATHOGENIC SYSTEM AST
79714	INTEGRAL SYSTEM ENTEROBATTERI 4 Test
79718	INTEGRAL SYSTEM STAFILOCOCCHI 4 Test
79720	INTEGRAL SYSTEM STREPTOCOCCHI 4 Test
79724	INTEGRAL SYSTEM GARDNERELLA 4 Test
79822	INTEGRAL SYSTEM YEASTS Plus 4 Test
80009	IODINE MOTT SOLUTION 10 x 10 ml
80010	XLT 4 supplement 2 x 50 ml
80021	GLYCEROL supplement 4 x 5.5 ml
80022	POTASSIUM TELLURITE 1% sol. 5 x 10 ml
80031	TWEEN 80 supplement 2 x 50 ml
80040	CHROMATIC™ SALMONELLA Supplement 2x50 ml
80047	MULLER KAUFFMANN 3x55 ml: Iodio [illegible]
80053	VITAMIN K 1% supplement 6 x 5 ml
80056	LEGIONELLA growth supplement 10 Vials
80057	H2O2 REAGENT 1 x 15 ml
80060	DECONTAM KIT
80110	UREA 40% 6 x 100 ml
80115	EGG YOLK emulsion 4 x 50 ml
80252	ENTEROSYSTEM 18R REAGENT 100/200 Test
80253	COPRO SYSTEM REAGENTS [illegible]
80257	LISTERIA SYSTEM 18R-REAG 100/200 Test
80258	AF GENITAL SYSTEM REAGENT
80260	IDENTIF. SYSTEM REAGENT 100/200 Test
80271	KOVAC'S REAGENT 4x25 ml
80272	FERRIC CHLORIDE 10% 2x25 ml
80273	NINHYDRIN 7% 15 ml
80275	MF COLOR KIT 50 Test
80276	ZIEHL NEELSEN 3 x 250 ml
80277	METHYLENE BLUE Solution 250 ml
80279	VASELINE OIL 4 x 50 ml
80280	V.P. TEST Reagent 10x10 ml
80281	V.P. TEST EP 10 x 10 ml
80283	Kit May-Grünwald Giemsa
80290	SAFRANIN SOLUTION 1000 ml
80291	POTASSIUM TELLURITE 3.5% [illegible]
80292	UREA 40% supplement 10 x 5 ml
80293	GRAM COLOR KIT 4 x 250 ml
80294	KIT COLOR ALBERT 2 x 250 ml
80295	DECOLOURIZING SOLUTION 1000 ml
80296	LUGOL PVP SOLUTION 1000 ml
80298	LUGOL PVP SOLUTION 250 ml
80299	CRYSTAL VIOLET SOLUTION 1000 ml
80300	TTC 1% supplement 5 x 10 ml
80302	ANTIBIOTIC TEST

SOCIETATE CU RASPUNDERE LIMITATA "GBG-MLD" S.R.L. REPUBLICA MOLDOVA

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

80054	RAPID ANTIBIOTIC TEST 50 Test
80040	KINYOUN COLOR KIT 2 x 250 ml
80090	FIXER 1
80100	IODINE SOLUTION 10 x 10 ml
80170	XLT 4 SUPPLEMENT 4 x 50 ml
80429	POTASSIUM TELLURITE 1% Supplement 10 x 10 ml
80430	TTC 1% supplement 10 x 10 ml
80434	TWEEN 80 Supplement 4 x 50 ml
80453	VITAMIN K 1% SUPPLEMENT 10 x 5 ml
81001	AMPICILLIN supplement 10 vials
81002	LEGIONELLA (BMPA) supplement 10 vials
81003	BRUCELLA supplement 10 vials
81004	CAMPYLOBACTER Preston supplement 10 vials
81006	CN (Pseudomonas) supplement 10 vials
81007	CLOSTRIDIUM difficile supplement 10 vials
81008	LEGIONELLA (GVPC) supplement 10 vials
81009	IODINE solution 5 x 10 ml
81011	CLOSTRIDIUM perfringens (T.S.C.) supp. 10 v.
81012	LCAT supplement 10 vials
81013	BORDETELLA supplement 10 vials
81014	HAEMOPHILUS supplement 10 vials
81015	CAMPYLOBACTER Butzler supplement 10 vials
81016	BACILLUS cereus Supplement 10 vials
81017	CHLORAMPHENICOL supplement 10 vials
81019	LEGIONELLA (MWY) supplement 10 vials
81020	MRS Supplement 10 vials
81022	V.C.N. supplement 10 vials
81023	VITALEX growth supplement 10 vials
81024	V.C.N.T. supplement 10 vials
81025	DERMATOPHYTE supplement 10 vials
81026	LISTERIA PALCAM supplement 10 vials
81032	TAPS ESS Supplement 10 vials
81033	GENTAMICIN supplement 10 vials
81035	MIDDLEBROOK 7H10 supplement 6 x 50 ml
81036	CAMPYLOBACTER KARMALI Supplement 10 vials
81037	CAMPYLOBACTER CCDA supplement 10 vials
81038	CAMPYLOBACTER C.T.V.N. Supplement 10 vials
81039	YERSINIA supplement 10 vials
81040	GARDNERELLA vaginalis Supplement 10 vials
81041	V.C.A.T. supplement 10 vials
81042	LISTERIA FRASER supplement (1125mg) 10 vials
81048	OAA [illegible] supplement 10 vials
81050	CAMPYLOBACTER growth supplement 10 vials
81051	CAMPYLOBACTER Blaser Wang supp. 10 vials
81054	SCHAEDLER supplement 10 vials
81055	CAMPYLOBACTER Skirrow supple 10 vials
81056	LEGIONELLA (BCYE) growth suppl. 10 vials
81062	VANCOMYCIN Supplement for VRE 10 vials
81077	CAMPYLOBACTER C.T.V.A. Supplement 10 vials
81078	CHROMATIC™ MRSA Supplement
81079	UREA ARGININE SCREEN
81082	CEFIXIME TELLURITE Supplement
81083	MEROPENEM Supplement
81084	NEOMYCIN Solution
81085	CHROMATIC™ STAPH AUREUS Supplement
81086	VCC MOD SELECTIVE Supplement
81088	CHROMATIC™ CRE Supplement
81089	Chromatic™ ESBL Supplement
81090	CHROMATIC™ ESBL+AmpC Supplement
81094	Legionella BCYE Growth Supplement w/o L-Cysteine
81095	D-Cycloserine 4-MUP Supplement
85501	COPRO KIT (SELENITE BROTH)
85502	COPRO KIT 2 (SALMONELLA BROTHS)
87001	KOVAC'S Reagent
87002	VP (NaOH) Reagent
87003	CATALASE Reagent
87004	PHENYLALANINE Reagent
87005	OXIDASE Reagent
87006	Vaseline Oil
87007	VP (KOH) Reagent
87008	Lactophenol Cotton Blue Droppers
87009	Methyl Red Droppers
87101	GRAM COLOR KIT
88003	OXIDASE TEST SWABS 50 Test
88004	OXIDASE TEST DISCS 50 Discs
88005	O.N.P.G. TEST 30 Test
88006	E.COLI TEST 30 Test
88007	HIPPURATE TEST 30 Test
88008	AESCULIN BILE TEST 30 Test
88009	NITRATI TEST 30 Test 30 Test
88010	LISTERIA MONO TEST 20 Test
88011	UREA RAPID TEST 30 Test
88013	H2S RAPID TEST 30 Test
88014	LYSINE DECARBOXYLASE TEST 30 Test
88015	ORNITHINE DECARBOXYLASE TEST 30 Test
88016	ARGININE DECARBOXYLASE TEST 30 Test
88017	INDOLE TEST 30 Test
88020	SF RAPID TEST 30 Test
88021	CAMP TEST-S 30 Test
88023	CATALASI/OXY TEST 30 Test
88024	UREA / INDOLO TEST 30 Test
88027	CAMP TEST-R 30 Test
88028	PEPTIDASE A TEST 30 Test
88029	OXIDASE TEST STICKS 50 Test
88029/N	Oxidase Test Stick
88030	COAGULASE TEST 40 Test
88031	GRAM TEST STICK 30 Test
88032	INDOLO TEST STICK 30 Test
88033	BETA LACTAMASE STICKS 30 Test
88034	PEPTIDASE A STICKS 30 Test
88035	VP TEST KIT
88040	O 590 60 Discs
88041	Brilliant Green 100 µg
88042	CITRATE TEST
88043	O129 Disc 150 µg
88044	O129 Disc 10 µg
88105	O.N.P.G. TEST
88201	GALACTOSE TEST 30 Test
88202	GLUCOSE TEST 30 Test
88203	LACTOSE TEST 30 Test
88204	MALTOSE TEST 30 Test
88205	RAFFINOSE TEST 30 Test
88206	SUCROSE TEST 30 Test
88207	ARABITOL TEST 30 Test
88208	ADONITOL TEST 30 Test
88209	ARABINOSE TEST 30 Test
88210	DULCITOL TEST 30 Test
88211	INOSITOL TEST 30 Test
88212	INULIN TEST 30 Test
88213	LEVULOSE TEST 30 Test

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

88214	MANNITOL TEST 30 Test
88215	MANNOSE TEST 30 Test
88216	RHAMNOSE TEST 30 Test
88217	SALICIN TEST 30 Test
88218	SORBITOL TEST 30 Test
88219	TREHALOSE TEST 30 Test
88220	XYLOSE TEST 30 Test
89021	CultiControl™ Aspergillus brasiliensis ATCC® 16404™
89022	CultiControl™ Bacillus Cereus ATCC® 11778™
89023	CultiControl™ Bacillus subtilis ATCC® 6633™
89024	CultiControl™ Candida albicans ATCC® 10231™
89025	CultiControl™ Enterococcus faecalis ATCC® 19433™
89026	CultiControl™ Enterococcus faecalis ATCC® 29212™
89027	CultiControl™ Escherichia coli ATCC® 25922™
89028	CultiControl™ Escherichia coli ATCC® 8739™
89029	CultiControl™ Listeria innocua ATCC® 33090™
89030	CultiControl™ Listeria ivanovii ATCC® 19119™
89031	CultiControl™ Listeria monocytogenes ATCC® 19111™
89032	CultiControl™ Proteus mirabilis ATCC® 25933™
89033	CultiControl™ Pseudomonas aeruginosa ATCC® 27853™
89034	CultiControl™ Pseudomonas aeruginosa ATCC® 9027™
89035	CultiControl™ Rhodococcus equi ATCC® 6939™
89036	CultiControl™ Saccharomyces cerevisiae ATCC® 9763™
89037	CultiControl™ Salmonella typhimurium ATCC® 14028™
89038	CultiControl™ Shigella flexneri ATCC® 12022™
89039	CultiControl™ Staphylococcus aureus NCTC 12493
89040	CultiControl™ Staphylococcus aureus ATCC® 25923™
89041	CultiControl™ Staphylococcus aureus ATCC® 29213™
89042	CultiControl™ Staphylococcus aureus ATCC® 33862™
89043	CultiControl™ Staphylococcus aureus ATCC® 43300™
89044	CultiControl™ Staphylococcus aureus ATCC® 6538™
89045	CultiControl™ Staphylococcus epidermidis ATCC® 12228™
89046	CultiControl™ Streptococcus agalactiae ATCC® 13813™
89047	CultiControl™ Streptococcus pneumoniae ATCC® 49619™
89048	CultiControl™ Streptococcus pyogenes ATCC® 19615™
89049	CultiControl™ Proteus mirabilis ATCC® 12453™
89050	CultiControl™ Yersinia enterocolitica ATCC® 9610™
89051	CultiControl™ Listeria monocytogenes ATCC® 19115™
89052	CultiControl™ Legionella pneumophila subsp. pneumophila ATCC® 33152™
89053	CultiControl™ Clostridium perfringens ATCC® 13124™
89054	CultiControl™ Salmonella enterica subsp. enterica serovar Typhimurium ATCC® 13311™
89055	CultiControl™ Lactobacillus paracasei subsp. paracasei ATCC® BAA-52™
89056	CultiControl™ Vibrio parahaemolyticus ATCC® 17802™
89057	CultiControl™ Aspergillus fumigatus ATCC® 204305™
89058	CultiControl™ Shigella sonnei ATCC® 25931™
89059	CultiControl™ Clostridium sordellii ATCC® 9714™
89060	CultiControl™ Listeria monocytogenes ATCC® 7644™
89061	CultiControl™ Streptococcus bovis ATCC® 33317™
89062	CultiControl™ Streptococcus mutans ATCC® 25175™
89063	CultiControl™ Streptococcus pneumoniae ATCC® 27336™
89064	CultiControl™ Streptococcus sanguinis ATCC® 10556™
89065	CultiControl™ Enterobacter cloacae subsp. cloacae ATCC® BAA-1143™
89066	CultiControl™ Enterococcus faecalis ATCC® [illegible]
89067	CultiControl™ Enterococcus faecalis ATCC® [illegible]
89068	CultiControl™ Escherichia coli NCTC 13554
89069	CultiControl™ Klebsiella pneumoniae ATCC® BAA-2146™
89070	CultiControl™ Klebsiella pneumoniae subsp. pneumoniae ATCC® 700603™
89071	CultiControl™ Candida parapsilosis ATCC® 22019™
89072	CultiControl™ Candida albicans ATCC® 90028™
89073	CultiControl™ Issatchenkia orientalis ATCC® 6258™
89074	CultiControl™ Neisseria gonorrhoeae ATCC® 19424™
89075	CultiControl™ Neisseria gonorrhoeae ATCC® 31426™
89076	CultiControl™ Haemophilus influenzae ATCC® 49766™
89077	CultiControl™ Haemophilus influenzae ATCC® 49247™
89078	CultiControl™ Bacteroides fragilis ATCC® 25285™
89079	CultiControl™ Bacteroides thetaiotaomicron ATCC® 29741™
89080	CultiControl™ Lactobacillus acidophilus ATCC® 4356™
89081	CultiControl™ Lactobacillus [illegible] ATCC® [illegible]
89082	CultiControl™ Lactococcus lactis ATCC® 19435™
89083	CultiControl™ Proteus mirabilis ATCC® 29906™
89084	CultiControl™ Salmonella enterica subsp. enterica serovar Enteritidis ATCC® 13076™
89085	CultiControl™ Listeria monocytogenes ATCC® 13932™
89086	CultiControl™ Campylobacter jejuni ATCC® 33291™
89087	CultiControl™ Klebsiella pneumoniae ATCC® BAA-1706™
89088	CultiControl™ Klebsiella pneumoniae ATCC® BAA-1705™
89089	CultiControl™ Klebsiella pneumoniae subsp. pneumoniae ATCC® 13883™
89090	CultiControl™ Clostridium difficile ATCC® 9689™
89091	CultiControl™ Aggregatibacter aphrophilus ATCC® 7901™
89092	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® 700698™
89093	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® 700699™
89094	CultiControl™ Pseudomonas [illegible] ATCC® [illegible]
89095	CultiControl™ Clostridium sporogenes ATCC® 19404™
89096	CultiControl™ Micrococcus luteus ATCC® 10240™
89097	CultiControl™ Candida tropicalis ATCC® 750™
89098	CultiControl™ Candida krusei ATCC® 14243™
89099	CultiControl™ Gardnerella vaginalis ATCC® 14018™
89100	CultiControl™ Lactobacillus fermentum ATCC® 9338™
89101	CultiControl™ Listeria grayi ATCC® 25401™
89102	CultiControl™ Micrococcus luteus ATCC® 4698™
89103	CultiControl™ Moraxella (Branhamella) catarrhalis ATCC® 25238™
89104	CultiControl™ Neisseria gonorrhoeae ATCC® 49226™
89105	CultiControl™ Proteus mirabilis ATCC® 35659™
89106	CultiControl™ Proteus mirabilis ATCC® 43071™
89107	CultiControl™ Proteus vulgaris ATCC® 6380™
89108	CultiControl™ Pseudomonas aeruginosa ATCC® 10145™
89109	CultiControl™ Pseudomonas aeruginosa ATCC® 15442™
89110	CultiControl™ Pseudomonas fluorescens ATCC® 13525™
89111	CultiControl™ Bacteroides ovatus ATCC® 8483™
89112	CultiControl™ Clostridium histolyticum ATCC® 19401™
89113	CultiControl™ Bacteroides fragilis ATCC® [illegible]
89114	CultiControl™ Actinomyces [illegible] ATCC® [illegible]
89115	CultiControl™ Enterococcus faecalis ATCC® 33186™
89116	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® 33591™
89117	CultiControl™ Enterococcus faecium ATCC® 51559™
89118	CultiControl™ Fusobacterium nucleatum ATCC® 25586™
89119	CultiControl™ Aeromonas hydrophila ATCC® 7966™
89120	CultiControl™ Haemophilus influenzae ATCC® 10211™
89121	CultiControl™ Serratia marcescens ATCC® 8100™
89122	CultiControl™ Neisseria gonorrhoeae ATCC® [illegible]

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

89123	CultiControl™ Haemophilus haemolyticus ATCC® 33390™
89124	CultiControl™ Haemophilus influenzae ATCC® [illegible]
89125	CultiControl™ Providencia stuartii ATCC® 33672™
89126	CultiControl™ Staphylococcus haemolyticus ATCC® 29970™
89127	CultiControl™ Streptococcus anginosus ATCC® 33397™
89128	CultiControl™ Streptococcus dysgalactiae subsp. equisimilis ATCC® 12394™
89129	CultiControl™ Streptococcus mitis ATCC® 6249™
89130	CultiControl™ Streptococcus pyogenes ATCC® 49399™
89131	CultiControl™ Streptococcus salivarius ATCC® 13419™
89132	CultiControl™ Salmonella enterica subsp. enterica serovar Abony NCTC 6017
89133	CultiControl™ Staphylococcus xylosus ATCC® 29971™
89134	CultiControl™ Providencia [illegible] ATCC® [illegible]
89135	CultiControl™ Propionibacterium acnes ATCC® 11827™
89136	CultiControl™ Haemophilus influenzae NCTC 8468
89137	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® 19095™
89138	CultiControl™ Cronobacter sakazakii ATCC® 29544™
89139	CultiControl™ Bordetella bronchiseptica ATCC® 4617™
89140	CultiControl™ Trichophyton mentagrophytes ATCC® 9533™
89141	CultiControl™ Acinetobacter baumannii ATCC® BAA-747™
89144	CultiControl™ Vibrio alginolyticus ATCC® 17749™
89145	CultiControl™ Campylobacter jejuni subsp. jejuni ATCC® 33560™
89146	CultiControl™ Citrobacter freundii ATCC® 43864™
89147	CultiControl™ Burkholderia cepacia ATCC® 25416™
89148	CultiControl™ Listeria monocytogenes ATCC® 35152™
89149	CultiControl™ Stenotrophomonas maltophilia ATCC® 13637™
89151	CultiControl™ Legionella pneumophila subsp. fraseri ATCC® 33156™
89152	CultiControl™ Enterococcus faecium ATCC® [illegible]
89153	CultiControl™ Staphylococcus saprophyticus ATCC® 15305™
89154	CultiControl™ Salmonella enterica subsp. arizonae ATCC® 13314™
89155	CultiControl™ Bacillus cereus ATCC® 10876™
89156	CultiControl™ Enterobacter aerogenes ATCC® 13048™
89158	CultiControl™ Citrobacter [illegible] ATCC® [illegible]
89159	CultiControl™ Citrobacter freundii ATCC® 8090™
89160	CultiControl™ Haemophilus influenzae ATCC® 19418™
89162	CultiControl™ [illegible] ATCC® [illegible]
89163	CultiControl™ Escherichia coli ATCC® 35218™
89164	CultiControl™ Neisseria meningitidis ATCC® 13090™
89165	CultiControl™ Peptostreptococcus anaerobius ATCC® 27337™
89166	CultiControl™ Burkholderia cepacia ATCC® [illegible]
89167	CultiControl™ Campylobacter jejuni subsp. jejuni ATCC® 29428™
89168	CultiControl™ Yersinia enterocolitica subsp. enterocolitica ATCC® 23715™
89170	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® BAA-44™
89171	CultiControl™ Enterococcus faecium ATCC® 19434™
89172	CultiControl™ Enterococcus faecium ATCC® BAA-2316™
89173	CultiControl™ Enterococcus faecalis ATCC® 51299™
89174	CultiControl™ Acinetobacter baumannii ATCC® 19606™
89175	CultiControl™ Streptococcus pneumoniae ATCC® 700671™
89176	CultiControl™ Haemophilus influenzae ATCC® [illegible]
89177	CultiControl™ Candida albicans ATCC® [illegible]
89178	CultiControl™ Candida albicans ATCC® 64124™
89179	CultiControl™ Shigella boydii ATCC® 9207™
89180	CultiControl™ Shigella sonnei ATCC® 9290™
89181	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® 49476™
89182	CultiControl™ Staphylococcus aureus subsp. aureus ATCC® 9144™
89183	CultiControl™ Candida [illegible] ATCC® [illegible]
89184	CultiControl™ Escherichia coli ATCC® 11303™
89189	CultiControl™ Streptococcus salivarius subsp. thermophilus ATCC® 19258™
89190	CultiControl™ Nocardia brasiliensis ATCC® 19296™
89191	CultiControl™ Serratia marcescens ATCC® 14756™
89192	CultiControl™ Klebsiella pneumoniae subsp. pneumoniae ATCC® 4352™
89193	CultiControl™ Bacteroides ovatus ATCC® BAA-1296™
89194	CultiControl™ Stenotrophomonas maltophilia ATCC® 17666™
89195	CultiControl™ Enterococcus casseliflavus ATCC® 700327™
89196	CultiControl™ Eikenella corrodens ATCC® BAA-1152™
89197	CultiControl™ Salmonella enterica subsp. enterica serovar Typhimurium ATCC® 49416™
89198	CultiControl™ Shigella flexneri ATCC® 9199™
89199	CultiControl™ Klebsiella pneumoniae subsp. pneumoniae ATCC® 31488™
89203	CultiControl™ Enterobacter cloacae ATCC® 49141™
9001	NALIDIXIC ACID NA 30 µg 250 Discs
9001/1	NALIDIXIC ACID NA 30 µg 50 Discs
9002	Oxolinic acid OA 2 µg 250 Discs
9002/1	Oxolinic acid OA 2 µg 50 Discs
9003	PIPEMIDIC ACID PI 20 µg 250 Discs
9003/1	PIPEMIDIC ACID PI 20 µg 50 Discs
9004	AMIKACIN AK 30 µg 250 Discs
9004/1	AMIKACIN AK 30 µg 50 Discs
9005	AMOXICILLIN AML 30 µg 250 Discs
9005/1	AMOXICILLIN AML 30 µg 50 Discs
9006	AMPICILLIN AMP 10 µg 250 Discs
9006/1	AMPICILLIN AMP 10 µg 50 Discs
9007	AZLOCILLIN AZL 75 µg 250 Discs
9007/1	AZLOCILLIN AZL 75 µg 50 Discs
9008	AZTREONAM ATM 30 µg 250 Discs
9008/1	AZTREONAM ATM 30 µg 50 Discs
9009	CARBENICILLIN CAR 100 µg 250 Discs
9009/1	CARBENICILLIN CAR 100 µg 50 Discs
9010	CEFACLOR CEC 30 µg 250 Discs
9010/1	CEFACLOR CEC 30 µg 50 Discs
9011	CEPHALEXIN CL 30 µg 250 Discs
9011/1	CEPHALEXIN CL 30 µg 50 Discs
9012	CEPHALOTHIN KF 30 µg 250 Discs
9012/1	CEPHALOTHIN KF 30 µg 50 Discs
9014	CEFAMANDOLE MA 30 µg 250 Discs
9014/1	CEFAMANDOLE MA 30 µg 50 Discs
9015	CEFAZOLIN KZ 30 µg 250 Discs
9015/1	CEFAZOLIN KZ 30 µg 50 Discs
9016	CEFOPERAZONE CFP 30 µg 250 Discs
9016/1	CEFOPERAZONE CFP 30 µg 50 Discs
9017	CEFOTAXIME CTX 30 µg 250 Discs
9017/1	CEFOTAXIME CTX 30 µg 50 Discs
9018	CEFOXITIN FOX 30 µg 250 Discs
9018/1	CEFOXITIN FOX 30 µg 50 Discs
9019	CEFTAZIDIME CAZ 30 µg 250 Discs
9019/1	CEFTAZIDIME CAZ 30 µg 50 Discs
9020	CEFTRIAXONE CRO 30 µg 250 Discs
9020/1	CEFTRIAXONE CRO 30 µg 50 Discs
9021	CEFUROXIME CXM 30 µg 250 Discs
9021/1	CEFUROXIME CXM 30 µg 50 Discs

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

9022	CHLORAMPHENICOL C 30 µg 250 Discs
9022/1	CHLORAMPHENICOL C 30 µg 50 Discs
9023	COLISTIN SULFATE CS 10 µg 250 Discs
9023/1	COLISTIN SULFATE CS 10 µg 50 Discs
9024	ERYTHROMYCIN E 15 µg 250 Discs
9024/1	ERYTHROMYCIN E 15 µg 50 Discs
9025	FOSFOMYCIN FOS 50 µg 250 Discs
9025/1	FOSFOMYCIN FOS 50 µg 50 Discs
9026	GENTAMICIN CN 10 µg 250 Discs
9026/1	GENTAMICIN CN 10 µg 50 Discs
9027	KANAMYCIN K 30 µg 250 Discs
9027/1	KANAMYCIN K 30 µg 50 Discs
9028	LINCOMYCIN MY 2 µg 250 Discs
9028/1	LINCOMYCIN MY 2 µg 50 Discs
9029	METHICILLIN MET 5 µg 250 Discs
9029/1	METHICILLIN MET 5 µg 50 Discs
9030	MINOCYCLINE MN 30 µg 250 Discs
9030/1	MINOCYCLINE MN 30 µg 50 Discs
9031	AMPICILLIN SULBACTAM AMS 20 µg 250 Discs
9031/1	AMPICILLIN SULBACTAM AMS 20µg 50 DISCS
9032	NEOMYCIN N 30 µg 250 Discs
9032/1	NEOMYCIN N 30 µg 50 Discs
9033	NETILMICIN NET 30 µg 250 Discs
9033/1	NETILMICIN NET 30 µg 50 Discs
9034	NITROFURANTOIN F 300 µg 250 Discs
9034/1	NITROFURANTOIN F 300 µg 50 Discs
9035	NORFLOXACIN NOR 10 µg 250 Discs
9035/1	NORFLOXACIN NOR 10 µg 50 Discs
9036	OXACILLIN OX 1 µg 250 Discs
9036/1	OXACILLIN OX 1 µg 50 Discs
9037	PENICILLIN G P 10 IU 250 Discs
9037/1	PENICILLIN G P 10 IU 50 Discs
9038	PIPERACILLIN PRL 100 µg 250 Discs
9038/1	PIPERACILLIN PRL 100 µg 50 Discs
9039	RIFAMPICIN RD 30 µg 250 Discs
9039/1	RIFAMPICIN RD 30 µg 50 Discs
9040	STREPTOMYCIN S 10 µg 250 Discs
9040/1	STREPTOMYCIN S 10 µg 50 Discs
9041	SULFAFURAZOLE SF 300 µg 250 Discs
9041/1	SULFAFURAZOLE SF 300 µg 50 Discs
9042	TRIMETHOPRIM SULFAMETHOXAZOLE SXT 25 µg 250 Discs
9042/1	TRIMETHOPRIM SULFAMETHOXAZOLE SXT 25 µg 50 Discs
9043	TETRACYCLINE TE 30 µg 250 Discs
9043/1	TETRACYCLINE TE 30 µg 50 Discs
9044	TOBRAMYCIN TOB 10 µg 250 Discs
9044/1	TOBRAMYCIN TOB 10 µg 50 Discs
9045	VANCOMYCIN VA 30 µg 250 Discs
9045/1	VANCOMYCIN VA 30 µg 50 Discs
9046	SISOMICIN SIS 10 µg 250 Discs
9046/1	SISOMICIN SIS 10 µg 50 Discs
9047	CLINDAMYCIN CD 2 µg 250 Discs
9047/1	CLINDAMYCIN CD 2 µg 50 Discs
9048	AMOXICILLIN/CLAVULANIC ACID AUG 30 µg 250 Discs
9048/1	AMOXICILLIN/CLAVULANIC ACID AUG 30 µg 50 Discs
9049	FUSIDIC ACID FC 10 µg 250 Discs
9049/1	FUSIDIC ACID FC 10 µg 50 Discs
9050	TEICOPLANIN TEC 30 µg 250 Discs
9050/1	TEICOPLANIN TEC 30 µg 50 Discs
9051	BACITRACIN BA 10 IU 250 Discs
9051/1	BACITRACIN BA 10 IU 50 Discs
9052	CEFADROXIL CDX 30 µg 250 Discs
9052/1	CEFADROXIL CDX 30 µg 50 Discs
9053	CEFSULODIN CFS 30 µg 250 Discs
9053/1	CEFSULODIN CFS 30 µg 50 Discs
9054	CEFTIZOXIME CZX 30 µg 250 Discs
9054/1	CEFTIZOXIME CZX 30 µg 50 Discs
9055	CEPHRADINE CE 30 µg 250 Discs
9055/1	CEPHRADINE CE 30 µg 50 Discs
9056	CIPROFLOXACIN CIP 5 µg 250 Discs
9056/1	CIPROFLOXACIN CIP 5 µg 50 Discs
9057	CINOXACIN CIN 100 µg 250 Discs
9057/1	CINOXACIN CIN 100 µg 50 Discs
9058	CLOXACILLIN CX 5 µg 250 Discs
9058/1	CLOXACILLIN CX 5 µg 50 Discs
9059	DOXYCYCLINE DXT 30 µg 250 Discs
9059/1	DOXYCYCLINE DXT 30 µg 50 Discs
9060	ROXITHROMYCIN RXT 15 µg 250 Discs
9060/1	ROXITHROMYCIN RXT 15 µg 50 Discs
9061	ERTAPENEM ETP 10 µg 250 Discs
9061/1	ERTAPENEM ETP 10 µg 50 Discs
9062	MEZLOCILLIN MEZ 75 µg 250 Discs
9062/1	MEZLOCILLIN MEZ 75 µg 50 Discs
9063	NOVOBIOCIN NO 30 µg 250 Discs
9063/1	NOVOBIOCIN NO 30 µg 50 Discs
9064	CEFPODOXIME PX 10 µg 250 Discs
9064/1	CEFPODOXIME PX 10 µg 50 Discs
9065	OXYTETRACYCLINE OT 30 µg 250 Discs
9065/1	OXYTETRACYCLINE OT 30 µg 50 Discs
9066	POLYMYXIN B PB 100 IU 250 Discs
9066/1	POLYMYXIN B PB 100 IU 50 Discs
9067	SPECTINOMYCIN SPC 100 µg 250 Discs
9067/1	SPECTINOMYCIN SPC 100 µg 50 Discs
9068	MEROPENEM MRP 10 µg 250 Discs
9068/1	MEROPENEM MRP 10 µg 50 Discs
9069	FLUCONAZOLE FLU 100 µg 250 Discs
9069/1	FLUCONAZOLE FLU 100 µg 50 Discs
9070	TICARCILLIN TC 75 µg 250 Discs
9070/1	TICARCILLIN TC 75 µg 50 Discs
9071	AMPHOTERICIN B AMB 20 µg 250 Discs
9071/1	AMPHOTERICIN B AMB 20 µg 50 Discs
9072	ECONAZOLE ECN 10 µg 250 Discs
9072/1	ECONAZOLE ECN 10 µg 50 Discs
9073	FLUCYTOSINE AFY 1 µg 250 Discs
9073/1	FLUCYTOSINE AFY 1 µg 50 Discs
9074	GRISEOFULVIN AGF 10 µg 250 Discs
9074/1	GRISEOFULVIN AGF 10 µg 50 Discs
9075	KETOCONAZOLE KCA 10 µg 250 Discs
9075/1	KETOCONAZOLE KCA 10 µg 50 Discs
9076	METRONIDAZOLE MTZ 5 µg 250 Discs
9076/1	METRONIDAZOLE MTZ 5 µg 50 Discs
9077	MICONAZOLE MCL 10 µg 250 Discs
9077/1	MICONAZOLE MCL 10 µg 50 Discs
9078	NYSTATIN NY 100 IU 250 Discs
9078/1	NYSTATIN NY 100 IU 50 Discs
9079	[illegible] 30 µg 250 Discs
9079/1	[illegible] 30 µg 50 Discs
9080	OFLOXACIN OFX 5 µg 250 Discs
9080/1	OFLOXACIN OFX 5 µg 50 Discs
9081	CEFOTETAN CTT 30 µg 250 Discs

S.R.L. "GBG-MLD"

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9061/1	CEFOTETAN CTT 30 µg 50 Discs
9062	TYLOSIN TY 30 µg 250 Discs
9062/1	TYLOSIN TY 30 µg 50 Discs
9063	TRIMETHOPRIM TM 2.5 µg 250 Discs
9063/1	TRIMETHOPRIM TM 2.5 µg 50 Discs
9064	SULFAMETHOXAZOLE SMX 50 µg 250 Discs
9064/1	SULFAMETHOXAZOLE SMX 50 µg 50 Discs
9065	Imipenem + Phenylboronic acid IM + BO 250 Discs
9065/1	Imipenem + Phenylboronic acid IM + BO 50 Discs
9066	Imipenem + Cloxacillin IM + CL 250 Discs
9066/1	Imipenem + Cloxacillin IM + CL 50 Discs
9067	EDTA ED 250 Discs
9067/1	EDTA ED 50 Discs
9068	SPIRAMYCIN SP 100 µg 250 Discs
9068/1	SPIRAMYCIN SP 100 µg 50 Discs
9069	CEFIXIME CFM 5 µg 250 Discs
9069/1	CEFIXIME CFM 5 µg 50 Discs
9090	Daptomycin DAP 30 µg 250 Discs
9090/1	Daptomycin DAP 30 µg 50 Discs
9091	PEFLOXACIN PEF 5 µg 250 Discs
9091/1	PEFLOXACIN PEF 5 µg 50 Discs
9093	DICLOXACILLIN DCX 1 µg 250 Discs
9093/1	DICLOXACILLIN DCX 1 µg 50 Discs
9094	TIAMULIN T 30 µg 250 Discs
9094/1	TIAMULIN T 30 µg 50 Discs
9095	IMIPENEM CILASTATIN IMI 10 µg 250 Discs
9095/1	IMIPENEM CILASTATIN IMI 10 µg 50 Discs
9096	TICARCILLIN CLAVULANIC ACID TTC 85 µg 250 Discs
9096/1	TICARCILLIN CLAVULANIC ACID TTC 85 µg 50 Discs
9097	CLOTRIMAZOLE CLO 50 µg 250 Discs
9097/1	CLOTRIMAZOLE CLO 50 µg 50 Discs
9098	CLARITHROMYCIN CLR 15 µg 250 Discs
9098/1	CLARITHROMYCIN CLR 15 µg 50 Discs
9099	FURAZOLIDONE FR 50 µg 250 Discs
9099/1	FURAZOLIDONE FR 50 µg 50 Discs
9100	PIPERACILLIN TAZOBACTAM TZP 110 µg 250 Discs
9100/1	PIPERACILLIN TAZOBACTAM TZP 110 µg 50 Discs
9101	CEFTIBUTEN CTB 30 µg 250 Discs
9101/1	CEFTIBUTEN CTB 30 µg 50 Discs
9102	LEVOFLOXACIN LEV 5 µg 250 Discs
9102/1	LEVOFLOXACIN LEV 5 µg 50 Discs
9103	MOXIFLOXACIN MOX 5 µg 250 Discs
9103/1	MOXIFLOXACIN MOX 5 µg 50 Discs
9104	CEFEPIME FEP 30 µg 250 Discs
9104/1	CEFEPIME FEP 30 µg 50 Discs
9105	AZITHROMYCIN AZM 15 µg 250 Discs
9105/1	AZITHROMYCIN AZM 15 µg 50 Discs
9106	MYOKAMYCIN MK 15 µg 250 Discs
9106/1	MYOKAMYCIN MK 15 µg 50 Discs
9107	ITRACONAZOLE ITC 50 µg 250 Discs
9107/1	ITRACONAZOLE ITC 50 µg 50 Discs
9108	CEFOPERAZONE CFP 75 µg 250 Discs
9108/1	CEFOPERAZONE CFP 75 µg 50 Discs
9109	FOSFOMYCIN (includes G-6-p) FOS 200 µg 250 Discs
9109/1	FOSFOMYCIN (includes G-6-p) FOS 200 µg 50 Discs
9110	TRIMETHOPRIM TM 5 µg 250 Discs
9110/1	TRIMETHOPRIM TM 5 µg 50 Discs
9111	FUSIDIC ACID FC 30 µg 250 Discs
9111/1	FUSIDIC ACID FC 30 µg 50 Discs
9112	CEFPROZIL CPR 30 µg 250 Discs
9112/1	CEFPROZIL CPR 30 µg 50 Discs
9113	LOMEFLOXACIN LOM 10 µg 250 Discs
9113/1	LOMEFLOXACIN LOM 10 µg 50 Discs
9115	AMPICILLIN AMP 2 µg 250 Discs
9115/1	AMPICILLIN AMP 2 µg 50 Discs
9116	LINCOMYCIN MY 15 µg 250 Discs
9116/1	LINCOMYCIN MY 15 µg 50 Discs
9117	NOVOBIOCIN NO 5 µg 250 Discs
9117/1	NOVOBIOCIN NO 5 µg 50 Discs
9118	RIFAMPICIN RD 5 µg 250 Discs
9118/1	RIFAMPICIN RD 5 µg 50 Discs
9119	METRONIDAZOLE MTZ 50 µg 250 Discs
9119/1	METRONIDAZOLE MTZ 50 µg 50 Discs
9120	POLYMYXIN B PB 300 UI 250 Discs
9120/1	POLYMYXIN B PB 300 UI 50 Discs
9121	FOSFOMYCIN (includes G 6 p) FOS 100 µg 250 Discs
9121/1	FOSFOMYCIN (includes G 6 p) FOS 100 µg 50 Discs
9122	AMPICLOX (Ampicillin-Cloxacillin) ACL 30 µg 250 Discs
9122/1	AMPICLOX (Ampicillin-Cloxacillin) ACL 30 µg 50 Discs
9124	GENTAMICIN CN 120 µg 250 Discs
9124/1	GENTAMICIN CN 120 µg 50 Discs
9125	GENTAMICIN CN 30 µg 250 Discs
9125/1	GENTAMICIN CN 30 µg 50 Discs
9126	SULFONAMIDE SS 300 µg 250 Discs
9126/1	SULFONAMIDE SS 300 µg 50 Discs
9127	PENICILLIN G P 2 IU 250 Discs
9127/1	PENICILLIN G P 2 IU 50 Discs
9128	CHLORAMPHENICOL C 10 µg 250 Discs
9128/1	CHLORAMPHENICOL C 10 µg 50 Discs
9129	SULBACTAM SU 20 µg 250 Discs
9129/1	SULBACTAM SU 20 µg 50 Discs
9130	PENICILLIN G P 1 IU 250 Discs
9130/1	PENICILLIN G P 1 IU 50 Discs
9131	SODIUM FUSIDATE FC 50 250 Discs
9132	SULFAPRIM SXT 50 µg 250 Discs
9132/1	SULFAPRIM SXT 50 µg 50 Discs
9133	AMOXICILLIN AML 10 µg 250 Discs
9133/1	AMOXICILLIN AML 10 µg 50 Discs
9134	CEFOTAXIME CTX 75 µg 250 Discs
9134/1	CEFOTAXIME CTX 75 µg 50 Discs
9135	OXACILLIN OX 5 µg 250 Discs
9135/1	OXACILLIN OX 5 µg 50 Discs
9136	LINEZOLID LNZ 30 µg 250 Discs
9136/1	LINEZOLID LNZ 30 µg 50 Discs
9137	AMPHOTERICIN B AMB 10 µg 250 Discs
9137/1	AMPHOTERICIN B AMB 10 µg 50 Discs
9139	ITRACONAZOLE ITC 8 µg 250 Discs
9139/1	ITRACONAZOLE ITC 8 µg 50 Discs
9140	KETOCONAZOLE KCA 15 µg 250 Discs
9140/1	KETOCONAZOLE KCA 15 µg 50 Discs
9141	COLISTIN SULFATE CS 30 UI 250 Discs
9141/1	COLISTIN SULFATE CS 30 UI 50 Discs
9143	CEFEPIME+CLAVULANIC ACID FEL 40 µg 250 Discs
9144	Cefoxitin+Cloxacillin FOC 200 µg 250 Discs
9144/1	Cefoxitin+Cloxacillin FOC 200 µg 50 Discs
9145	CEFTAZIDIME+CLAVULANIC ACID CAL 40 µg 250 Discs
9145/1	CEFTAZIDIME+CLAVULANIC ACID CAL 40 µg 50 Discs
9146	CLINDAMYCIN CD 10 µg 250 Discs
9146/1	CLINDAMYCIN CD 10 µg 50 Discs
9147	TIGECYCLIN TGC 15 µg 250 Discs

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9147/1	TIGECYCLIN TGC 15 µg 50 Discs
9148	FLUCYTOSINE AFY 10 µg 250 Discs
9148/1	FLUCYTOSINE AFY 10 µg 50 Discs
9150	SULFADIAZINE SUZ 300 µg 250 Discs
9150/1	SULFADIAZINE SUZ 300 µg 50 Discs
9151	AMOXICILLIN AML 2 µg 250 Discs
9151/1	AMOXICILLIN AML 2 µg 50 Discs
9152	CEFOTAXIME CTX 5 µg 250 Discs
9152/1	CEFOTAXIME CTX 5 µg 50 Discs
9153	CEFTAZIDIME CAZ 10 µg 250 Discs
9153/1	CEFTAZIDIME CAZ 10 µg 50 Discs
9154	DORIPENEM DOR 10 µg 250 Discs
9154/1	DORIPENEM DOR 10 µg 50 Discs
9155	LINEZOLID LNZ 10 µg 250 Discs
9155/1	LINEZOLID LNZ 10 µg 50 Discs
9156	MECILLINAM MEC 10 µg 250 Discs
9156/1	MECILLINAM MEC 10 µg 50 Discs
9157	MUPIROCIN MUP 200 µg 250 Discs
9157/1	MUPIROCIN MUP 200 µg 50 Discs
9158	NITROFURANTOIN F 100 µg 250 Discs
9158/1	NITROFURANTOIN F 100 µg 50 Discs
9159	PIPERACILLIN PRL 30 µg 250 Discs
9159/1	PIPERACILLIN PRL 30 µg 50 Discs
9160	PIPERACILLIN TAZOBACTAM TZP 36 µg 250 Discs
9160/1	PIPERACILLIN TAZOBACTAM TZP 36 µg 50 Discs
9161	QUINUPRISTIN DALFOPRISTIN QDA 15 µg 250 Discs
9161/1	QUINUPRISTIN DALFOPRISTIN QDA 15 µg 50 Discs
9162	STREPTOMYCIN S 300 µg 250 Discs
9162/1	STREPTOMYCIN S 300 µg 50 Discs
9163	TOBRAMYCIN TOB 30 µg 250 Discs
9163/1	TOBRAMYCIN TOB 30 µg 50 Discs
9164	VANCOMYCIN VA 5 µg 250 Discs
9164/1	VANCOMYCIN VA 5 µg 50 Discs
9165	CASPOFUNGIN CAS 5 µg 250 Discs
9165/1	CASPOFUNGIN CAS 5 µg 50 Discs
9166	FLUCONAZOLE FLU 25 µg 250 Discs
9166/1	FLUCONAZOLE FLU 25 µg 50 Discs
9167	POSACONAZOLE POS 5 µg 250 Discs
9167/1	POSACONAZOLE POS 5 µg 50 Discs
9168	VORICONAZOLE VO 1 µg 250 Discs
9168/1	VORICONAZOLE VO 1 µg 50 Discs
9169	GATIFLOXACIN GAT 5 µg 250 Discs
9169/1	GATIFLOXACIN GAT 5 µg 50 Discs
9170	NETILMICIN NET 10 µg 250 Discs
9170/1	NETILMICIN NET 10 µg 50 Discs
9171	PHENOXYMETHYLPENICILLIN PV 10 µg 250 Discs
9171/1	PHENOXYMETHYLPENICILLIN PV 10 µg 50 Discs
9172	TELITHROMYCIN TEL 15 µg 250 Discs
9172/1	TELITHROMYCIN TEL 15 µg 50 Discs
9173	LORACARBEF LOR 30 µg 250 Discs
9173/1	LORACARBEF LOR 30 µg 50 Discs
9174	NAFCILLIN NAF 1 µg 250 Discs
9174/1	NAFCILLIN NAF 1 µg 50 Discs
9175	MEROPENEM+CLOXACILLIN MR+CL 250 Discs
9175/1	MEROPENEM+CLOXACILLIN MR+CL 50 Discs
9176	Meropenem + Phenylboronic acid MR + BO 250 Discs
9176/1	Meropenem + Phenylboronic acid MR + BO 50 Discs
9177	MEROPENEM+DIPICOLINIC ACID MR+DP 250 Discs
9177/1	MEROPENEM+DIPICOLINIC ACID MR+DP 50 Discs
9178	Meropenem + EDTA MR + ED 250 Discs
9178/1	Meropenem + EDTA MR + ED 50 Discs
9179	AMOXICILLIN AML 25 µg 250 Discs
9179/1	AMOXICILLIN AML 25 µg 50 Discs
9180	ERYTHROMYCIN E 2 µg 250 Discs
9180/1	ERYTHROMYCIN E 2 µg 50 Discs
9181	NITROFURANTOIN F 50 µg 250 Discs
9181/1	NITROFURANTOIN F 50 µg 50 Discs
9182	CEFOTAXIME+CLAVULANIC ACID CTL 40 µg 250 Discs
9182/1	CEFOTAXIME+CLAVULANIC ACID CTL 40 µg 50 Discs
9183	Imipenem + EDTA IM + ED 250 Discs
9183/1	Imipenem + EDTA IM + ED 50 Discs
9184	COLISTIN SULFATE CS 25 µg 250 Discs
9184/1	COLISTIN SULFATE CS 25 µg 50 Discs
9185	CEFPIROME CR 30 µg 250 Discs
9185/1	CEFPIROME CR 30 µg 50 Discs
9186	TEMOCILLIN TMO 30 µg 250 Discs
9186/1	TEMOCILLIN TMO 30 µg 50 Discs
9187	Sulfamethoxazole SMX 100 µg 250 Discs
9187/1	Sulfamethoxazole SMX 100 µg 50 Discs
9188	Metronidazole MTZ 16 µg 250 Discs
9188/1	Metronidazole MTZ 16 µg 50 Discs
9189	MUPIROCIN MUP 5 µg 250 Discs
9190	CEFPODOXIME+CLAVULANIC ACID PXL 11 µg 250 Discs
9190/1	CEFPODOXIME+CLAVULANIC ACID PXL 11 µg 50 Discs
9191	AMOXICILLIN CLAVULANIC ACID AUG 3 µg 250 Discs
9191/1	AMOXICILLIN CLAVULANIC ACID AUG 3 µg 50 Discs
9192	ROKITAMYCIN ROK 30 µg 250 Discs
9192/1	ROKITAMYCIN ROK 30 µg 50 Discs
9193	Phenylboronic acid BO 250 Discs
9193/1	Phenylboronic acid BO 50 Discs
9194	DIPICOLINIC ACID DP 250 Discs
9194/1	DIPICOLINIC ACID DP 50 Discs
9195	CEFTAROLINE CPT 5 µg 250 Discs
9195/1	CEFTAROLINE CPT 5 µg 50 Discs
9196	CEFTAROLINE CPT 30 µg 250 Discs
9196/1	CEFTAROLINE CPT 30 µg 50 Discs
9198	ERTAPENEM+CLOXACILLIN ET+CL 250 Discs
9198/1	ERTAPENEM+CLOXACILLIN ET+CL 50 Discs
9202	Ertapenem+Phenylboronic acid ET+BO 250 Discs
9202/1	Ertapenem+Phenylboronic acid ET+BO 50 Discs
9203	Ceftazidime+Clavulanic acid+Cloxacillin CTLC 250 Discs
9203/1	Ceftazidime+Clavulanic acid+Cloxacillin CTLC 50 Discs
9204	Ceftazidime+Clavulanic acid+Cloxacillin CALC 250 Discs
9204/1	Ceftazidime+Clavulanic acid+Cloxacillin CALC 50 Discs
9205	Ceftazidime-avibactam CZA 50 µg 250 Discs
9205/1	Ceftazidime-avibactam CZA 50 µg 50 Discs
9206	Ceftazidime-avibactam CZA 14 µg 250 Discs
9206/1	Ceftazidime-avibactam CZA 14 µg 50 Discs
9209	Nitroxolin NI 30 µg
9209/1	Nitroxolin NI 30 µg
9210	Cefepime FEP 5 µg
9210/1	Cefepime FEP 5 µg
9220	Cefepime FEP 10 µg
9220/1	Cefepime FEP 10 µg
9224	Cefotaxime + Cloxacillin CTC
9224/1	Cefotaxime + Cloxacillin CTC
9225	Ceftazidime + Cloxacillin CAC
9225/1	Ceftazidime + Cloxacillin CAC
9246	Ceftolozane tazobactam C/T 40 µg

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9246/1	Ceftolozane tazobactam C/T 40 µg
9247	Solithromycin SOL 15 µg 250 Discs
9247/1	Solithromycin SOL 15 µg 50 Discs
9248	Rifampicin 2 µg
9248/1	Rifampicin 2 µg
91200	DISC DISPENSER 6 CARTRIDGES
91210	DISC DISPENSER 8 CARTRIDGES
92000	AMOXI-SULB 2/1 AXS 0.016-256* 30 MIC Test
920000	AMOXI-SULB 2/1 AXS 0.016-256* 100 MIC Test
92001	Rifampicin RD 0.002-32 mg/L 30 MIC Test
920010	Rifampicin RD 0.002-32 mg/L 100 MIC Test
920011	Rifampicin RD 0.002-32 mg/L 10 MIC Test
92002	Fusidic Acid FU 0.016-256 mg/L 30 MIC Test
920020	Fusidic Acid FU 0.016-256 mg/L 100 MIC Test
920021	Fusidic Acid FU 0.016-256 mg/L 10 MIC Test
92003	Ampicillin AMP 0.016-256 mg/L 30 MIC Test
920030	Ampicillin AMP 0.016-256 mg/L 100 MIC Test
920031	Ampicillin AMP 0.016-256 mg/L 10 MIC Test
92004	Polymyxin B PB 0.064-1024 mg/L 30 MIC Test
920040	Polymyxin B PB 0.064-1024 mg/L 100 MIC Test
920041	Polymyxin B PB 0.064-1024 mg/L 10 MIC Test
92005	Cefpodoxime PX 0.016-256 mg/L 30 MIC Test
920050	Cefpodoxime PX 0.016-256 mg/L 100 MIC Test
920051	Cefpodoxime PX 0.016-256 mg/L 10 MIC Test
92006	Cefotaxime CTX 0.016-256 mg/L 30 MIC Test
920060	Cefotaxime CTX 0.016-256 mg/L 100 MIC Test
920061	Cefotaxime CTX 0.016-256 mg/L 10 MIC Test
92007	Cefotaxime CTX 0.002-32 mg/L 30 MIC Test
920070	Cefotaxime CTX 0.002-32 mg/L 100 MIC Test
920071	Cefotaxime CTX 0.002-32 mg/L 10 MIC Test
92008	Cefpirome CR 0.016-256 mg/L 30 MIC Test
920080	Cefpirome CR 0.016-256 mg/L 100 MIC Test
920081	Cefpirome CR 0.016-256 mg/L 10 MIC Test
92009	Gentamicin CN 0.016-256 mg/L 30 MIC Test
920090	Gentamicin CN 0.016-256 mg/L 100 MIC Test
920091	Gentamicin CN 0.016-256 mg/L 10 MIC Test
92010	Gentamicin CN 0.064-1024 mg/L 30 MIC Test
920100	Gentamicin CN 0.064-1024 mg/L 100 MIC Test
920101	Gentamicin CN 0.064-1024 mg/L 10 MIC Test
92011	Gatifloxacin GAT 0.002-32 mg/L 30 MIC Test
920110	Gatifloxacin GAT 0.002-32 mg/L 100 MIC Test
920111	Gatifloxacin GAT 0.002-32 mg/L 10 MIC Test
92012	Teicoplanin TEC 0.016-256 mg/L 30 MIC Test
920120	Teicoplanin TEC 0.016-256 mg/L 100 MIC Test
920121	Teicoplanin TEC 0.016-256 mg/L 10 MIC Test
92013	Enrofloxacin ENR 0.002-32 mg/L 30 MIC Test
920130	Enrofloxacin ENR 0.002-32 mg/L 100 MIC Test
920131	Enrofloxacin ENR 0.002-32 mg/L 10 MIC Test
92014	Spectinomycin SPC 0.064-1024 mg/L 30 MIC Test
920140	Spectinomycin SPC 0.064-1024 mg/L 100 MIC Test
920141	Spectinomycin SPC 0.064-1024 mg/L 10 MIC Test
92015	Oxacillin OX 0.016-256 mg/L 30 MIC Test
920150	Oxacillin OX 0.016-256 mg/L 100 MIC Test
920151	Oxacillin OX 0.016-256 mg/L 10 MIC Test
92016	Ceftizoxime CZX 0.016-256 mg/L 30 MIC Test
920160	Ceftizoxime CZX 0.016-256 mg/L 100 MIC Test
920161	Ceftizoxime CZX 0.016-256 mg/L 10 MIC Test
92017	Mecillinam MEC 0.016-256 mg/L 30 MIC Test
920170	Mecillinam MEC 0.016-256 mg/L 100 MIC Test
920171	Mecillinam MEC 0.016-256 mg/L 10 MIC Test
92018	Amikacin AK 0.016-256 mg/L 30 MIC Test
920180	Amikacin AK 0.016-256 mg/L 100 MIC Test
920181	Amikacin AK 0.016-256 mg/L 10 MIC Test
92019	Bacitracin BA 0.016-256 mg/L 30 MIC Test
920190	Bacitracin BA 0.016-256 mg/L 100 MIC Test
920191	Bacitracin BA 0.016-256 mg/L 10 MIC Test
92020	Cefotetan CTT 0.016-256 mg/L 30 MIC Test
920200	Cefotetan CTT 0.016-256 mg/L 100 MIC Test
920201	Cefotetan CTT 0.016-256 mg/L 10 MIC Test
92021	Amoxicillin AML 0.016-256 mg/L 30 MIC Test
920210	Amoxicillin AML 0.016-256 mg/L 100 MIC Test
920211	Amoxicillin AML 0.016-256 mg/L 10 MIC Test
92022	Nitrofurantoin F 0.032-512 mg/L 30 MIC Test
920220	Nitrofurantoin F 0.032-512 mg/L 100 MIC Test
920221	Nitrofurantoin F 0.032-512 mg/L 10 MIC Test
92023	Cefoperazone* - sulbactam (2/1) CPS 0.016-256* mg/L 30 MIC Test
920230	Cefoperazone* - sulbactam (2/1) CPS 0.016-256* mg/L 100 MIC Test
920231	Cefoperazone* - sulbactam (2/1) CPS 0.016-256* mg/L 10 MIC Test
92024	Amoxicillin* - clavulanic acid (2/1) AUG 0.016-256* mg/L 30 MIC Test
920240	Amoxicillin* - clavulanic acid (2/1) AUG 0.016-256* mg/L 100 MIC Test
920241	Amoxicillin* - clavulanic acid (2/1) AUG 0.016-256* mg/L 10 MIC Test
92025	Rifampicin RD 0.016-256 mg/L 30 MIC Test
920250	Rifampicin RD 0.016-256 mg/L 100 MIC Test
920251	Rifampicin RD 0.016-256 mg/L 10 MIC Test
92026	Quinupristin dalfopristin QDA 0.002-32 mg/L 30 MIC Test
920260	Quinupristin dalfopristin QDA 0.002-32 mg/L 100 MIC Test
920261	Quinupristin dalfopristin QDA 0.002-32 mg/L 10 MIC Test
92027	Ampicillin* - sulbactam (2/1) AMS 0.016-256* mg/L 30 MIC Test
920270	Ampicillin* - sulbactam (2/1) AMS 0.016-256* mg/L 100 MIC Test
920271	Ampicillin* - sulbactam (2/1) AMS 0.016-256* mg/L 10 MIC Test
92028	Sulbactam SUL 0.016-256 mg/L 30 MIC Test
920280	Sulbactam SUL 0.016-256 mg/L 100 MIC Test
920281	Sulbactam SUL 0.016-256 mg/L 10 MIC Test
92029	Temocillin TMO 0.064-1024 mg/L 30 MIC Test
920290	Temocillin TMO 0.064-1024 mg/L 100 MIC Test
920291	Temocillin TMO 0.064-1024 mg/L 10 MIC Test
92030	Azithromycin AZM 0.016-256 mg/L 30 MIC Test
920300	Azithromycin AZM 0.016-256 mg/L 100 MIC Test
920301	Azithromycin AZM 0.016-256 mg/L 10 MIC Test
92031	Sulfamethoxazole SMX 0.064-1024 mg/L 30 MIC Test
920310	Sulfamethoxazole SMX 0.064-1024 mg/L 100 MIC Test
920311	Sulfamethoxazole SMX 0.064-1024 mg/L 10 MIC Test
92032	Minocycline MN 0.016-256 mg/L 30 MIC Test
920320	Minocycline MN 0.016-256 mg/L 100 MIC Test
920321	Minocycline MN 0.016-256 mg/L 10 MIC Test
92033	Aztreonam ATM 0.016-256 mg/L 30 MIC Test
920330	Aztreonam ATM 0.016-256 mg/L 100 MIC Test
920331	Aztreonam ATM 0.016-256 mg/L 10 MIC Test
92034	Kanamycin K 0.016-256 mg/L 30 MIC Test
920340	Kanamycin K 0.016-256 mg/L 100 MIC Test
920341	Kanamycin K 0.016-256 mg/L 10 MIC Test
92035	Gemifloxacin GEM 0.002-32 mg/L 30 MIC Test
920350	Gemifloxacin GEM 0.002-32 mg/L 100 MIC Test
920351	Gemifloxacin GEM 0.002-32 mg/L 10 MIC Test
92036	Cefaclor CEC 0.016-256 mg/L 30 MIC Test

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920360	Cefaclor CEC 0.016-256 mg/L 100 MIC Test
920361	Cefaclor CEC 0.016-256 mg/L 10 MIC Test
92037	Trimethoprim TM 0.002-32 mg/L 30 MIC Test
920370	Trimethoprim TM 0.002-32 mg/L 100 MIC Test
920371	Trimethoprim TM 0.002-32 mg/L 10 MIC Test
92038	Mupirocin MUP 0.064-1024 mg/L 30 MIC Test
920380	Mupirocin MUP 0.064-1024 mg/L 100 MIC Test
920381	Mupirocin MUP 0.064-1024 mg/L 10 MIC Test
92039	Cephalotin KF 0.016-256 mg/L 30 MIC Test
920390	Cephalotin KF 0.016-256 mg/L 0.016-256 100 MIC Test
920391	Cephalotin KF 0.016-256 mg/L 10 MIC Test
92040	Doripenem DOR 0.002-32 mg/L 30 MIC Test
920400	Doripenem DOR 0.002-32 mg/L 100 MIC Test
920401	Doripenem DOR 0.002-32 mg/L 10 MIC Test
92041	Pefloxacin PEF 0.016-256 mg/L 30 MIC Test
920410	Pefloxacin PEF 0.016-256 mg/L 100 MIC Test
920411	Pefloxacin PEF 0.016-256 mg/L 10 MIC Test
92042	Ceftriaxone CRO 0.016-256 mg/L 30 MIC Test
920420	Ceftriaxone CRO 0.016-256 mg/L 100 MIC Test
920421	Ceftriaxone CRO 0.016-256 mg/L 10 MIC Test
92043	Ceftriaxone CRO 0.002-32 mg/L 30 MIC Test
920430	Ceftriaxone CRO 0.002-32 mg/L 100 MIC Test
920431	Ceftriaxone CRO 0.002-32 mg/L 10 MIC Test
92044	Cloxacillin CX 0.016-256 mg/L 30 MIC Test
920440	Cloxacillin CX 0.016-256 mg/L 100 MIC Test
920441	Cloxacillin CX 0.016-256 mg/L 10 MIC Test
92045	Ciprofloxacin CIP 0.002-32 mg/L 30 MIC Test
920450	Ciprofloxacin CIP 0.002-32 mg/L 100 MIC Test
920451	Ciprofloxacin CIP 0.002-32 mg/L 10 MIC Test
92046	Spiramycin SP 0.002-32 mg/L 30 MIC Test
920460	Spiramycin SP 0.002-32 mg/L 100 MIC Test
920461	Spiramycin SP 0.002-32 mg/L 10 MIC Test
92047	Clarithromycin CLR 0.016-256 mg/L 30 MIC Test
920470	Clarithromycin CLR 0.016-256 mg/L 100 MIC Test
920471	Clarithromycin CLR 0.016-256 mg/L 10 MIC Test
92048	Ceftaroline CPT 0.016-256 mg/L 30 MIC Test
920480	Ceftaroline CPT 0.016-256 mg/L 100 MIC Test
920481	Ceftaroline CPT 0.016-256 mg/L 10 MIC Test
92049	Fosfomycin FOS4 0.016-256 mg/L 30 MIC Test
920490	Fosfomycin FOS4 0.016-256 mg/L 100 MIC Test
920491	Fosfomycin FOS4 0.016-256 mg/L 10 MIC Test
92050	Erythromycin E 0.016-256 mg/L 30 MIC Test
920500	Erythromycin E 0.016-256 mg/L 100 MIC Test
920501	Erythromycin E 0.016-256 mg/L 10 MIC Test
92051	Telavancin TLV 0.002-32 mg/L 30 MIC Test
920510	Telavancin TLV 0.002-32 mg/L 100 MIC Test
920511	Telavancin TLV 0.002-32 mg/L 10 MIC Test
92052	Telavancin TLV 0.016-256 mg/L 30 MIC Test
920520	Telavancin TLV 0.016-256 mg/L 100 MIC Test
920521	Telavancin TLV 0.016-256 mg/L 10 MIC Test
92054	Imipenem IMI 0.002-32 mg/L 30 MIC Test
920540	Imipenem IMI 0.002-32 mg/L 100 MIC Test
920541	Imipenem IMI 0.002-32 mg/L 10 MIC Test
92056	Ceftaroline CPT 0.002-32 mg/L 30 MIC Test
920560	Ceftaroline CPT 0.002-32 mg/L 100 MIC Test
920561	Ceftaroline CPT 0.002-32 mg/L 10 MIC Test
92057	Vancomycin VA 0.016-256 mg/L 30 MIC Test
920570	Vancomycin VA 0.016-256 mg/L 100 MIC Test
920571	Vancomycin VA 0.016-256 mg/L 10 MIC Test
92058	Ceftibuten CTB 0.002-32 mg/L 30 MIC Test
920580	Ceftibuten CTB 0.002-32 mg/L 100 MIC Test
920581	Ceftibuten CTB 0.002-32 mg/L 10 MIC Test
92059	Cefixime CFM 0.016-256 mg/L 30 MIC Test
920590	Cefixime CFM 0.016-256 mg/L 100 MIC Test
920591	Cefixime CFM 0.016-256 mg/L 10 MIC Test
92060	Cefoxitin FOX 0.016-256 mg/L 30 MIC Test
920600	Cefoxitin FOX 0.016-256 mg/L 100 MIC Test
920601	Cefoxitin FOX 0.016-256 mg/L 10 MIC Test
92070	Plazomicin PLZ 0.016-256 mg/L 30 MIC Test
920700	Plazomicin PLZ 0.016-256 mg/L 100 MIC Test
920701	Plazomicin PLZ 0.016-256 mg/L 10 MIC Test
92072	Clindamycin CD 0.016-256 mg/L 30 MIC Test
920720	Clindamycin CD 0.016-256 mg/L 100 MIC Test
920721	Clindamycin CD 0.016-256 mg/L 10 MIC Test
92074	Meropenem-vaborbactam (8 mg/L) MEV 0.016-256 mg/L 30 MIC Test
920740	Meropenem-vaborbactam (8 mg/L) MEV 0.016-256 mg/L 100 MIC Test
920741	Meropenem-vaborbactam (8 mg/L) MEV 0.016-256 mg/L 10 MIC Test
92075	Chloramphenicol C 0.016-256 mg/L 30 MIC Test
920750	Chloramphenicol C 0.016-256 mg/L 100 MIC Test
920751	Chloramphenicol C 0.016-256 mg/L 10 MIC Test
92078	Fosfomycin FOS 0.016-256 mg/L 30 MIC Test
920780	Fosfomycin FOS 0.016-256 mg/L 100 MIC Test
920781	Fosfomycin FOS 0.016-256 mg/L 10 MIC Test
92079	Fosfomycin FOS 0.064-1024 mg/L 30 MIC Test
920790	Fosfomycin FOS 0.064-1024 mg/L 100 MIC Test
920791	Fosfomycin FOS 0.064-1024 mg/L 10 MIC Test
92080	Delafloxacin DLX 0.002-32 mg/L 30 MIC Test
920800	Delafloxacin DLX 0.002-32 mg/L 100 MIC Test
920801	Delafloxacin DLX 0.002-32 mg/L 10 MIC Test
92061	Levofloxacin LEV 0.002-32 mg/L 30 MIC Test
920610	Levofloxacin LEV 0.002-32 mg/L 100 MIC Test
920611	Levofloxacin LEV 0.002-32 mg/L 10 MIC Test
92064	Meropenem MRP 0.002-32 mg/L 30 MIC Test
920640	Meropenem MRP 0.002-32 mg/L 100 MIC Test
920641	Meropenem MRP 0.002-32 mg/L 10 MIC Test
92065	Meropenem MRP 0.016-256 mg/L 30 MIC Test
920650	Meropenem MRP 0.016-256 mg/L 100 MIC Test
920651	Meropenem MRP 0.016-256 mg/L 10 MIC Test
92067	Metronidazole MTZ 0.016-256 mg/L 30 MIC Test
920670	Metronidazole MTZ 0.016-256 mg/L 100 MIC Test
920671	Metronidazole MTZ 0.016-256 mg/L 10 MIC Test
92090	Moxifloxacin MXF 0.002-32 mg/L 30 MIC Test
920900	Moxifloxacin MXF 0.002-32 mg/L 100 MIC Test
920901	Moxifloxacin MXF 0.002-32 mg/L 10 MIC Test
92093	Netilmicin NET 0.016-256 mg/L 30 MIC Test
920930	Netilmicin NET 0.016-256 mg/L 100 MIC Test
920931	Netilmicin NET 0.016-256 mg/L 10 MIC Test
92096	Norfloxacin NOR 0.016-256 mg/L 30 MIC Test
920960	Norfloxacin NOR 0.016-256 mg/L 100 MIC Test
920961	Norfloxacin NOR 0.016-256 mg/L 10 MIC Test
92099	Ofloxacin OFX 0.002-32 mg/L 30 MIC Test
920990	Ofloxacin OFX 0.002-32 mg/L 100 MIC Test
920991	Ofloxacin OFX 0.002-32 mg/L 10 MIC Test
92102	Penicillin G P 0.016-256 mg/L 30 MIC Test
921020	Penicillin G P 0.016-256 mg/L 100 MIC Test
921021	Penicillin G P 0.016-256 mg/L 10 MIC Test
92103	Penicillin G P 0.002-32 mg/L 30 MIC Test
921030	Penicillin G P 0.002-32 mg/L 100 MIC Test
921031	Penicillin G P 0.002-32 mg/L 10 MIC Test

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92116	Piperacillin PIP 0.016-256 mg/L 30 MIC Test
921160	Piperacillin PIP 0.016-256 mg/L 100 MIC Test
921161	Piperacillin PIP 0.016-256 mg/L 10 MIC Test
92118	Piperacillin* - tazobactam TZP 0.016-256* mg/L 30 MIC Test
921180	Piperacillin* - tazobactam TZP 0.016-256* mg/L 100 MIC Test
921181	Piperacillin* - tazobactam TZP 0.016-256* mg/L 10 MIC Test
92111	Streptomycin S 0.064-1024 mg/L 30 MIC Test
921110	Streptomycin S 0.064-1024 mg/L 100 MIC Test
921111	Streptomycin S 0.064-1024 mg/L 10 MIC Test
92112	Streptomycin S 0.016-256 mg/L 30 MIC Test
921120	Streptomycin S 0.016-256 mg/L 100 MIC Test
921121	Streptomycin S 0.016-256 mg/L 10 MIC Test
92114	Tetracycline TE 0.016-256 mg/L 30 MIC Test
921140	Tetracycline TE 0.016-256 mg/L 100 MIC Test
921141	Tetracycline TE 0.016-256 mg/L 10 MIC Test
92117	Ticarcillin* - clavulanic acid TTC 0.016-256* mg/L 30 MIC Test
921170	Ticarcillin* - clavulanic acid TTC 0.016-256* mg/L 100 MIC Test
921171	Ticarcillin* - clavulanic acid TTC 0.016-256* mg/L 10 MIC Test
92120	Tobramycin TOB 0.064-1024 mg/L 30 MIC Test
921200	Tobramycin TOB 0.064-1024 mg/L 100 MIC Test
921201	Tobramycin TOB 0.064-1024 mg/L 10 MIC Test
92121	Tobramycin TOB 0.016-256 mg/L 30 MIC Test
921210	Tobramycin TOB 0.016-256 mg/L 100 MIC Test
921211	Tobramycin TOB 0.016-256 mg/L 10 MIC Test
92123	Trimethoprim* - sulfamethoxazole (1/19) SXT 0.002-32* mg/L 30 MIC Test
921230	Trimethoprim* - sulfamethoxazole (1/19) SXT 0.002-32* mg/L 100 MIC Test
921231	Trimethoprim* - sulfamethoxazole (1/19) SXT 0.002-32* mg/L 10 MIC Test
92126	Cefepime FEP 0.016-256 mg/L 30 MIC Test
921260	Cefepime FEP 0.016-256 mg/L 100 MIC Test
921261	Cefepime FEP 0.016-256 mg/L 10 MIC Test
92127	Cefepime FEP 0.002-32 mg/L 30 MIC Test
921270	Cefepime FEP 0.002-32 mg/L 100 MIC Test
921271	Cefepime FEP 0.002-32 mg/L 10 MIC Test
92128	Cefuroxime CXM 0.016-256 mg/L 30 MIC Test
921280	Cefuroxime CXM 0.016-256 mg/L 100 MIC Test
921281	Cefuroxime CXM 0.016-256 mg/L 10 MIC Test
92132	Nalidixic Acid NA 0.016-256 mg/L 30 MIC Test
921320	Nalidixic Acid NA 0.016-256 mg/L 100 MIC Test
921321	Nalidixic Acid NA 0.016-256 mg/L 10 MIC Test
92135	Linezolid LNZ 0.016-256 mg/L 30 MIC Test
921350	Linezolid LNZ 0.016-256 mg/L 100 MIC Test
921351	Linezolid LNZ 0.016-256 mg/L 10 MIC Test
92136	Tedizolid TZD 0.002-32 mg/L 30 MIC Test
921360	Tedizolid TZD 0.002-32 mg/L 100 MIC Test
921361	Tedizolid TZD 0.002-32 mg/L 10 MIC Test
92137	Dalbavancin DAL 0.002-32 mg/L 30 MIC Test
921370	Dalbavancin DAL 0.002-32 mg/L 100 MIC Test
921371	Dalbavancin DAL 0.002-32 mg/L 10 MIC Test
92138	Ceftazidime CAZ 0.016-256 mg/L 30 MIC Test
921380	Ceftazidime CAZ 0.016-256 mg/L 100 MIC Test
921381	Ceftazidime CAZ 0.016-256 mg/L 10 MIC Test
92139	Ceftazidime* - avibactam CZA 0.016-256* mg/L 30 MIC Test
921390	Ceftazidime* - avibactam CZA 0.016-256* mg/L 100 MIC Test
921391	Ceftazidime* - avibactam CZA 0.016-256* mg/L 10 MIC Test
92140	Ceftobiprole BPR 0.002-32 mg/L 30 MIC Test
921400	Ceftobiprole BPR 0.002-32 mg/L 100 MIC Test
921401	Ceftobiprole BPR 0.002-32 mg/L 10 MIC Test
92141	Colistin CS 0.016-256 mg/L 30 MIC Test
921410	Colistin CS 0.016-256 mg/L 100 MIC Test
921411	Colistin CS 0.016-256 mg/L 10 MIC Test
92142	Colistin CS 0.064-1024 mg/L 30 MIC Test
921420	Colistin CS 0.064-1024 mg/L 100 MIC Test
921421	Colistin CS 0.064-1024 mg/L 10 MIC Test
92144	Tigecycline TGC 0.016-256 mg/L 30 MIC Test
921440	Tigecycline TGC 0.016-256 mg/L 100 MIC Test
921441	Tigecycline TGC 0.016-256 mg/L 10 MIC Test
92145	Daptomycin DAP 0.016-256 mg/L 30 MIC Test
921450	Daptomycin DAP 0.016-256 mg/L 100 MIC Test
921451	Daptomycin DAP 0.016-256 mg/L 10 MIC Test
92146	Ceftolozane*-tazobactam C/T 0.016-256* mg/L 30 MIC Test
921460	Ceftolozane*-tazobactam C/T 0.016-256* mg/L 100 MIC Test
921461	Ceftolozane*-tazobactam C/T 0.016-256* mg/L 10 MIC Test
92147	Fluconazole FLU 0.016-256 mg/L 30 MIC Test
921470	Fluconazole FLU 0.016-256 mg/L 100 MIC Test
921471	Fluconazole FLU 0.016-256 mg/L 10 MIC Test
92148	Itraconazole ITC 0.002-32 mg/L 30 MIC Test
921480	Itraconazole ITC 0.002-32 mg/L 100 MIC Test
921481	Itraconazole ITC 0.002-32 mg/L 10 MIC Test
92149	Flucytosine FC 0.002-32 mg/L 30 MIC Test
921490	Flucytosine FC 0.002-32 mg/L 100 MIC Test
921491	Flucytosine FC 0.002-32 mg/L 10 MIC Test
92150	Voriconazole VO 0.002-32 mg/L 30 MIC Test
921500	Voriconazole VO 0.002-32 mg/L 100 MIC Test
921501	Voriconazole VO 0.002-32 mg/L 10 MIC Test
92151	Ketoconazole KE 0.002-32 mg/L 30 MIC Test
921510	Ketoconazole KE 0.002-32 mg/L 100 MIC Test
921511	Ketoconazole KE 0.002-32 mg/L 10 MIC Test
92152	Posaconazole POS 0.002-32 mg/L 30 MIC Test
921520	Posaconazole POS 0.002-32 mg/L 100 MIC Test
921521	Posaconazole POS 0.002-32 mg/L 10 MIC Test
92153	Amphotericin B AMB 0.002-32 mg/L 30 MIC Test
921530	Amphotericin B AMB 0.002-32 mg/L 100 MIC Test
921531	Amphotericin B AMB 0.002-32 mg/L 10 MIC Test
92154	Caspofungin CAS 0.002-32 mg/L 30 MIC Test
921540	Caspofungin CAS 0.002-32 mg/L 100 MIC Test
921541	Caspofungin CAS 0.002-32 mg/L 10 MIC Test
92155	Anidulafungin AND 0.002-32 mg/L 30 MIC Test
921550	Anidulafungin AND 0.002-32 mg/L 100 Test
921551	Anidulafungin AND 0.002-32 mg/L 10 MIC Test
92156	Doxycycline DXT 0.016-256 mg/L 30 MIC Test
921560	Doxycycline DXT 0.016-256 mg/L 100 MIC Test
921561	Doxycycline DXT 0.016-256 mg/L 10 MIC Test
92157	Ertapenem ETP 0.002-32 mg/L 30 MIC Test
921570	Ertapenem ETP 0.002-32 mg/L 100 MIC Test
921571	Ertapenem ETP 0.002-32 mg/L 10 MIC Test
92158	Ceftazidime/Ceftazidime + Clavulanic acid (4 mg/L) CAZ/CAL 0.5-32/0.064-4 mg/L 30 MIC Test
921580	Ceftazidime/Ceftazidime + Clavulanic acid (4 mg/L) CAZ/CAL 0.5-32/0.064-4 mg/L 100 MIC Test
921581	Ceftazidime/Ceftazidime + Clavulanic acid (4 mg/L) CAZ/CAL 0.5-32/0.064-4 mg/L 10 MIC Test
92160	Cefotaxime/Cefotaxime + Clavulanic acid (4 mg/L) CTX/CTL 0.25-16/0.016-1 mg/L 30 MIC Test
921600	Cefotaxime/Cefotaxime + Clavulanic acid (4 mg/L) CTX/CTL 0.25-16/0.016-1 mg/L 100 MIC Test
921601	Cefotaxime/Cefotaxime + Clavulanic acid (4 mg/L) CTX/CTL 0.25-16/0.016-1 mg/L 10 MIC Test

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92161	Cefepime/Cefepime + Clavulanic acid (4 mg/L) FEP/FEL 0.25-16/0.064-4 mg/L 30 MIC Test
921610	Cefepime/Cefepime + Clavulanic acid (4 mg/L) FEP/FEL 0.25-16/0.064-4 mg/L 100 MIC Test
921611	Cefepime/Cefepime + Clavulanic acid (4 mg/L) FEP/FEL 0.25-16/0.064-4 mg/L 10 MIC Test
92162	Imipenem/Imipenem + EDTA IMI/IMD 4-256/1-64 mg/L 30 MIC Test
921620	Imipenem/Imipenem + EDTA IMI/IMD 4-256/1-64 mg/L 100 MIC Test
921621	Imipenem/Imipenem + EDTA IMI/IMD 4-256/1-64 mg/L 10 MIC Test
92163	Vancomycin/Teicoplanin VA/TEC 0.5-32/0.5-32 mg/L 30 MIC Test
921630	Vancomycin/Teicoplanin VA/TEC 0.5-32/0.5-32 mg/L 100 MIC Test
921631	Vancomycin/Teicoplanin VA/TEC 0.5-32/0.5-32 mg/L 10 MIC Test
92164	Cefotetan/Cefotetan + Cloxacillin CTT/CXT 0.5-32/0.5-32 mg/L 30 MIC Test
921640	Cefotetan/Cefotetan + Cloxacillin CTT/CXT 0.5-32/0.5-32 mg/L 100 MIC Test
921641	Cefotetan/Cefotetan + Cloxacillin CTT/CXT 0.5-32/0.5-32 mg/L 10 MIC Test
92165	Meropenem/Meropenem + EDTA MRP/MRD 0.125-8/0.032-2 mg/L 30 MIC Test
921650	Meropenem/Meropenem + EDTA MRP/MRD 0.125-8/0.032-2 mg/L 100 MIC Test
921651	Meropenem/Meropenem + EDTA MRP/MRD 0.125-8/0.032-2 mg/L 10 MIC Test
92166	Imipenem/Imipenem + EDTA IMI/IMD 0.125-8/0.032-2 mg/L 30 MIC Test
921660	Imipenem/Imipenem + EDTA IMI/IMD 0.125-8/0.032-2 mg/L 100 MIC Test
921661	Imipenem/Imipenem + EDTA IMI/IMD 0.125-8/0.032-2 mg/L 10 MIC Test
92167	Meropenem/Meropenem + Phenylboronic acid MRP/MBO 0.125-8/0.032-2 mg/L 30 MIC Test
921670	Meropenem/Meropenem + Phenylboronic acid MRP/MBO 0.125-8/0.032-2 mg/L 100 MIC Test
921671	Meropenem/Meropenem + Phenylboronic acid MRP/MBO 0.125-8/0.032-2 mg/L 10 MIC Test
92168	Ertapenem/Ertapenem + Phenylboronic acid ETP/EBO 0.125-8/0.032-2 mg/L 30 MIC Test
921680	Ertapenem/Ertapenem + Phenylboronic acid ETP/EBO 0.125-8/0.032-2 mg/L 100 MIC Test
921681	Ertapenem/Ertapenem + Phenylboronic acid ETP/EBO 0.125-8/0.032-2 mg/L 10 MIC Test
92169	Ertapenem/Ertapenem + Cloxacillin ETP/ECX 0.125-8/0.032-2 mg/L 30 MIC Test
921690	Ertapenem/Ertapenem + Cloxacillin ETP/ECX 0.125-8/0.032-2 mg/L 100 MIC Test
921691	Ertapenem/Ertapenem + Cloxacillin ETP/ECX 0.125-8/0.032-2 mg/L 10 MIC Test
92170	Ethambutol EB 0.016-256 mg/L 30 MIC Test
921700	Ethambutol EB 0.016-256 mg/L 100 MIC Test
921701	Ethambutol EB 0.016-256 mg/L 10 MIC Test
92171	Isoniazid IZ 0.016-256 mg/L 30 MIC Test
921710	Isoniazid IZ 0.016-256 mg/L 100 MIC Test
921711	Isoniazid IZ 0.016-256 mg/L 10 MIC Test
92172	Ethionamide ET 0.016-256 mg/L 30 MIC Test
921720	Ethionamide ET 0.016-256 mg/L 100 MIC Test
921721	Ethionamide ET 0.016-256 mg/L 10 MIC Test
92173	Aztreonam ATM 0.064-1024 mg/L 30 MIC Test
921730	Aztreonam ATM 0.064-1024 mg/L 100 MIC Test
921731	Aztreonam ATM 0.064-1024 mg/L 10 MIC Test
92174	Cefazolin KZ 0.016-256 mg/L 30 MIC Test
921740	Cefazolin KZ 0.016-256 mg/L 100 MIC Test
921741	Cefazolin KZ 0.016-256 mg/L 10 MIC Test
92180	Amoxicillin* - clavulanic acid (2 mg/L) AMC 0.016-256* mg/L 30 MIC Test
921800	Amoxicillin* - clavulanic acid (2 mg/L) AMC 0.016-256* mg/L 100 MIC Test
921801	Amoxicillin* - clavulanic acid (2 mg/L) AMC 0.016-256* mg/L 10 MIC Test
92181	Ampicillin* - sulbactam (4 mg/L) SAM 0.016-256* mg/L 30 MIC Test
921810	Ampicillin* - sulbactam (4 mg/L) SAM 0.016-256* mg/L 100 MIC Test
921811	Ampicillin* - sulbactam (4 mg/L) SAM 0.016-256* mg/L 10 MIC Test
92182	Micafungin MYC 0.002-32 mg/L 30 MIC Test
921820	Micafungin MYC 0.002-32 mg/L 100 MIC Test
921821	Micafungin MYC 0.002-32 mg/L 10 MIC Test
92183	Tiamulin TC 0.016-256 mg/L 30 MIC Test
921830	Tiamulin TC 0.016-256 mg/L 100 MIC Test
921831	Tiamulin TC 0.016-256 mg/L 10 MIC Test
92184	Isavuconazole IVU 0.002-32 mg/L 30 MIC Test
921840	Isavuconazole IVU 0.002-32 mg/L 100 MIC Test
921841	Isavuconazole IVU 0.002-32 mg/L 10 MIC Test
92200	Tiamulin TIA 0.002-32 mg/L 30 MIC Test
922000	Tiamulin TIA 0.002-32 mg/L 100 MIC Test
922001	Tiamulin TIA 0.002-32 mg/L 10 MIC Test
92201	Tilmicosin TIL 0.002-32 mg/L 30 MIC Test
922010	Tilmicosin TIL 0.002-32 mg/L 100 MIC Test
922011	Tilmicosin TIL 0.002-32 mg/L 10 MIC Test
93001	EASY RID h IgG
93002	EASY RID h IgA
93003	EASY RID h IgM
93004	EASY RID h C3
93005	EASY RID h C4
93006	EASY RID h Transferrin
93007	EASY RID h Albumin
93008	EASY RID h Apolipoprotein A1
93009	EASY RID h Apolipoprotein B
93010	EASY RID h Alfa 1 Acid Glicoprotein
93011	EASY RID h Fibrinogen
93012	EASY RID h Antitrombin III
93013	EASY RID h Ig Light Chain K
93014	EASY RID h Ig Light Chain Lambda
93015	Anti h alfa 1 Antitrypsin
93016	Anti h Ceruloplasmin
93018	Anti h Haptoglobin
93104	Multiplate h IgG IgA IgM
93106	MULTIPLATE h C3/C4
93110	MULTIPLATE h Apo A1/Apo B
93115	MULTIPLATE h Kappa Chain/Lambda Chain
93201	BENCE JONES TEST
949010	RID CONTROL SERUM
9501	Optochin Test 100 Discs
9502	Bacitracin Test 100 Discs
9503	X FACTOR TEST 100 Discs
9504	V FACTOR TEST 100 Discs
9505	V+X FACTOR TEST 100 Discs
9508	METRONIDAZOLE TEST 100 Discs
9511	SULPHONAMIDE TEST 100 Discs
95200	ANAEROBES
95210	ENTEROCOCCI
95220	ENTEROBACTERIA 1
95230	ENTEROBACTERIA URINE
95240	ENTEROBACTERIA 2
95250	PSEUDOMONAS
95260	STAPH
95270	ACINETOBACTER
95280	YEASTS
95290	[illegible]
95300	ENTEROBACTERIA
9555	HT HAEMOPHILUS
9560	URINE
9563	MICE

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9564	ROL I (Gram + vel) 1 x 100 Test
9565	ROL II (Gram - vel) 1 x 100 Test
9566	ROL III 100 Test
9567	MULTODISC A
9568	MULTODISC B
9569	MULTODISC C
9570	MULTODISC D
9571	MULTODISC A (100 Pz) (Tender 106/2003)
9573	MULTODISC C (100 Pz) (Tender 106/2003)
9574	MULTODISC D (100 Pz) (Tender 106/2003)
9575	URINE DISKS (Tender 238/2005)
9576	PSEUDOMONAS DISKS (Tender 238/2005)
9577	GRAM NEGATIVE DISKS (Tender 238/2005)
9578	GRAM POSITIVE DISKS (Tender 238/2005)
96001	SALMONELLA TYPHI H 20 ml
96002	SALMONELLA TYPHI O 20 ml
96003	SALMONELLA PARATYPHI A AH 20 ml
96004	SALMONELLA PARATYPHI A AO 20 ml
96005	SALMONELLA PARATYPHI BH 20 ml
96006	SALMONELLA PARATYPHI BO 20 ml
96007	BRUCELLA TOTALE 20 ml
96008	BRUCELLA ABORTUS 20 ml
96009	SALMONELLA TYPHI TOTALE 20 ml - CE
96010	SALMONELLA PARATYPHI A TOTALE 20 ml
96011	PROTEUS OX2 20 ml
96012	PROTEUS OXK 20 ml
96013	PROTEUS OX19 20 ml
96015	FEBRILE MULTITEST KIT
96016	STREP CHECK KIT
96017	STAPH LATEX KIT
96018	SALMONELLA PARATYPHI B TOTALE 20 ml
96019	SALMONELLA PARATYPHI CH 20 ml
96020	SALMONELLA PARATYPHI CO 20 ml
96021	SALMONELLA PARATYPHI C TOTALE 20 ml
96022	BRUCELLA MELITENSIS 20 ml
96023	BRUCELLA SUIS 20 ml
96031	SALMONELLA TYPHI H SLIDE 5 ml
96032	SALMONELLA TYPHI O SLIDE 5 ml
96033	SALMONELLA TYPHI TOTALE 5 ml SLIDE
96034	SALMONELLA PARATYPHI AH SLIDE 5 ml
96035	SALMONELLA PARATYPHI AO 5 ml SLIDE
96036	SALMONELLA PARATYPHI A TOTALE 5ml SLIDE
96037	SALMONELLA PARATYPHI BH 5 ml SLIDE
96038	SALMONELLA PARATYPHI BO 5 ml SLIDE
96039	SALMONELLA PARATYPHI B TOTALE 5ml SLIDE
96040	SALMONELLA PARATYPHI CH 5 ml SLIDE
96041	SALMONELLA PARATYPHI CO 5 ml SLIDE
96042	SALMONELLA PARATYPHI C TOTALE 5ml SLIDE
96043	BRUCELLA TOTALE SLIDE 5 ml SLIDE
96044	BRUCELLA ABORTUS 5 ml SLIDE
96045	BRUCELLA MELITENSIS SLIDE 5 ml
96047	PROTEUS OX2 5 ml SLIDE
96048	PROTEUS OX19 5 ml SLIDE
96049	PROTEUS OXK 5 ml SLIDE
96050	CONTROLLO NEGATIVO/NEGATIVE CONTROL 5 ml
96096	POSITIVE CONTROL FOR SALMONELLA 0.5 ml
96097	POSITIVE CONTROL FOR PROTEUS 0.5 ml
96098	POSITIVE CONTROL FOR BRUCELLA 0.5 ml
96140	Legionella Latex Kit
96141	CAMPYLOBACTER LATEX KIT
96144	CLOSTRIDIUM DIFFICILE LATEX KIT
96148	SHIGELLA ANTISERUM
96150	E. COLI O157 LATEX KIT
96151	SALMONELLA LATEX KIT
96153	STREPTO B LATEX KIT
96154	STREPTO A LATEX KIT
96155	BENCE JONES LATEX TEST
96316	Clostridium difficile GDH Card
96317	Clostridium Difficile Toxin A+B Card
96318	Giardia Card
96319	Listeria Monocytogenes Card
96320	Salmonella Ag Card
96321	O157 E.coli Card
96401	ONE STEP AMP DRUG SCREEN 20 CARDS
96404	ONE STEP COC DRUG SCREEN
96405	ONE STEP THC DRUG SCREEN
96406	ONE STEP M-AMP DRUG SCREEN 20 CARDS
96415 20	FECAL OCCULT BLOOD CARD
96418	STREPTO A CARD 20 CARDS
96441	Gonorrea Ag Card
96442	Gardnerella Vaginalis Card
96443	Trichomonas Vaginalis Card
96444	B.J. Free Kappa Lambda Dipstick
96455	H PYLORI CARD 20 CARD
96460	HCG URINE-SERUM CARD 50 CARD
96461	HCG URINE-SERUM CARD 100 CARD
96462	MICROALBUMIN CARD URINE 20 Cards
96475	AFP - ALFA FETO CARD 20 CARDS
96488	TUBERCOLOSI CARD 20 CARDS
96490	IgE TOTAL CARD
96485	CEA CARD 20 Cards
96487	MYOGLOBIN
96488	TROPONIN 20 CARDS
96498	FERRITIN CARD
96495	SIFILIDE CARD 20 CARDS
96498	IM MONONUCLEOSIS INFECTION 20 CARDS
96500	URINE STRIP
96819	Giotto 2
96900	GIOTTO READER
96909	BIOMIC V3
96914	BIOMIC V3 AST
96915	BIOMIC V3 ID
96916	BIOMIC V3 CC
96918	AST Software
96911	ID Software
96932	CC Software
96933	Microdiluizione 96 pozzetti Software
97600	ROTASTICK ONE STEP KIT 20 Test
97601	RSV STICK ONE STEP 20 Test
97602	ROTA/ADENO COMBI STICK ONE STEP 20 Test
97603	H PYLORI FECAL Ag ONE STEP 20 Test
97607	ADENOSTICK ONE STEP ASSAY 20 Test
97608	Strepto B Card
9993	[illegible]
99003	KPC/MBL disc kit (acc. to EUCAST)
99004	ESBL disc kit (acc. to EUCAST)
99005	ESBL disc kit (acc. to CLSI)
99006	ESBL (Chromos. Ind. AmpC) disc kit (acc. to EUCAST)
99007	KPC/MBL/OXA-48 disc kit (acc. to EUCAST)
99008	ESBL+AmpC screen disc kit

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

Rev. 32.1 del 07.06.2017

99009	AmpC disc kit

Direttore Tecnico/ Technical Director
Dr. Silvia Bocco

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "GBG-MLD" S.R.L. REPUBLICA MOLDOVA, MUN. CHIȘINĂU

Chromatic™ Candida

Chromogenic selective medium for the isolation and differentiation of *Candida* spp directly from clinical and nonclinical specimens.

DESCRIPTION

Chromatic™ Candida is a chromogenic selective medium used for the isolation and differentiation of *Candida* species directly from clinical and nonclinical specimens permitting to distinguish among *C.albicans, C.tropicalis, C.krusei, C.glabrata, C.dubliniensis* and *C.parapsilosis*.

Although *Candida albicans* remains the most common cause of human Candidiasis, the frequency of infection attributed to other members of the genus is also increasing. Effective treatment requires both early diagnosis and prompt initiation of therapy against fungal infection.

TYPICAL FORMULA	(g/l)
Peptone	10.0
Chloramphenicol	0.5
Chromogenic Mix	25.2
Agar	15.0

Final pH 6.1 ± 0.2 at 25°C

METHOD PRINCIPLE

Peptone provides amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Chloramphenicol is the selective agent inhibiting most of the bacteria. Chromogenic mix allows to identify the *Candida* genus on the basis of the color and morphology of the colonies. Agar is the solidifying agent.

PREPARATION

Dehydrated medium: Suspend 50.7 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. DO NOT AUTOCLAVE.

Medium in bottles: Melt the content of the bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, if it is the case turning the bottle upside down. Cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

Inoculate the medium by direct streaking, spread plating or membrane filtration method. Incubate aerobically at 30-37°C for 24-48 hours.

INTERPRETING RESULTS

After incubation observe the color and the morphology of the colonies and interpret the results as indicated in the ID table.

ID Table.

Microorganism	Typical colony color
Candida albicans	Green
Candida dubliniensis	Yellow-green
Candida glabrata	Beige
Candida krusei	Pink, pale edges
Candida parapsilosis	Pale pink-white
Candida tropicalis	Blue

See pictures in Appendix I.

APPEARANCE

Dehydrated medium: free-flowing, homogeneous, light beige.
Prepared medium: slightly opalescent, very light beige.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles and prepared plates at 2-8°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in bottles: 1 year.
Ready-to-use plates: 6 months.

QUALITY CONTROL

Plates are inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: 50-100 CFU
Inoculum for selectivity: 10^4-10^6 CFU.
Incubation conditions: aerobically at 35 ± 2°C for 24-48 hours.

QC Table.

Microorganism		Growth	Specification
Candida albicans	ATCC® 10231	Good	Green colonies
Candida krusei	ATCC® 14243	Good	Pink colonies
Candida parapsilosis	ATCC® 22019	Good	Pale pink-white colonies
Candida tropicalis	ATCC® 750	Good	Blue colonies
Escherichia coli	ATCC® 25922	Inhibited	---
Staphylococcus aureus	ATCC® 25923	Inhibited	---

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *in vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. Odds, F.C. And Bernaerts. 1994. CHROMagar Candida, a new differential medium for presumptive identification of clinically important Candida species. J. Clin. Microbiol. 32: 1923-1929.
2. Wingard, JR. Importance of Candida species other than C. albicans as pathogens in oncology patients. Clin Infect Dis. 1995; 20: 115–25.
3. Pfaller, Huston and Coffman. 1996. J. Clin. Microbiol. 32: 1923-1929.
4. Maertens JA. History of the development of azole derivatives. J Clin Microbiol Infect. 2004; 10: 1–10.

PRESENTATION		Contents	Ref.
Chromatic™ Candida	90 mm ready-to-use plates	20 plates	11612
Chromatic™ Candida	60 mm ready-to-use plates	20 plates	163692
Chromatic™ Candida	Bottles	6 x 100 ml bottles	481110
Chromatic™ Candida	Dehydrated medium	500 g of powder	610613
Chromatic™ Candida	Dehydrated medium	100 g of powder	620613

TABLE OF SYMBOLS

LOT	Batch code	IVD	*In vitro* Diagnostic Medical Device		Manufacturer		Use by		Fragile, handle with care
REF	Catalogue number		Temperature limitation	Σ	Contains sufficient for <n> tests		Caution, consult Instruction For Use		Do not reuse

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CE IVD

IRON SULPHITE AGAR

Medium for the detection and enumeration of sulphite-reducing bacteria in food and other samples.

TYPICAL FORMULA

	(g/l)
Enzymatic Digest of Casein	10.0
Sodium Sulphite	0.5
Ferric Citrate	0.5
Agar	15.0

Final pH 7.1 ± 0.2

DESCRIPTION

IRON SULPHITE AGAR is a medium used for the detection and enumeration of sulphite-reducing bactena in food and other samples.

PRINCIPLE

Enzymatic digest of casein provides nitrogen, vitamins, minerals and amino acids essential for growth. Sodium sulphite and ferric citrate are H_2S indicators: Sulphite-reducing bacteria reduce sulphite to sulphide which react with iron of ferric citrate to form a black precipitate of iron sulphide turning the colonies black. Agar is the solidifying agent.

PREPARATION

Suspend 26 g of powder in 1 liter of distilled water. Heat until completely dissolved. Autoclave at 121°C for 15 minutes. Dispense aseptically into final containers.

TECHNIQUE

Dispense the medium in 10 ml amount in tubes. Inoculate the sample when the medium is at about 50°C. Allow to solidify before incubating. Alternatively, filter diluted samples through membrane filters. Then, place each one of these filters either in tube (rolled up filter and medium at 50°C) or onto Petri dish containing IRON SULPHITE AGAR. Incubate anaerobically at 35±2°C for 24-48 hours. If thermophilic bacteria are suspected, incubate at 55°C.

INTERPRETATION OF RESULTS

Sulphite-reducing bacteria cultivate with black colonies. Confirmation tests should be further carried out to identify the organism growing in the medium. There are many gram-negative bacteria that are able to reduce sulphite to sulphide with iron sulphide production in this medium, but in these cases the enzymes are extracellular and the entire medium becomes dark, rendering their enumeration impossible.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until sings of deterioration or contamination are evident. Store prepared plates at 2-8°C away from light.

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is designed for *In vitro* diagnostic use and must be used by properly trained operators only.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to the national and local regulations in force.

REFERENCES

- Mossel, D.A.A., Golstein Brouwers G.W.M.V. and De Bruin A.S. (1959). J. Path. Bact. 78: 290-291.
- Tanner, F.W. (1944). The microbiology of foods, 2nd ed, p. 1127.

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CE IVD

PRODUCT SPECIFICATIONS

NAME
IRON SULPHITE AGAR

PRESENTATION
Dehydrated medium

STORAGE
10-30°C

PACKAGING

Ref.	Content	Packaging
611401	500 g	500 g of powder in plastic bottle
621401	100 g	100 g of powder in plastic bottle

pH OF THE MEDIUM
7.1 ± 0.2

USE
IRON SULPHITE AGAR is a medium used for the detection and enumeration of sulphite-reducing bacteria in food and other samples

TECHNIQUE
Refer to technical sheet of the product

APPEARANCE OF THE MEDIUM
Dehydrated medium
Appearance: free-flowing, homogeneous
Colour: beige
Prepared medium
Appearance: slightly opalescent
Colour: light amber

SHELFLIFE
4 years

QUALITY CONTROL
1. Control of general characteristics, label and print
2. Microbiological control
   Inoculum for productivity: 10-100 CFU/ml
   Inoculum for specificity: ≤10^4 CFU/ml
   Incubation Conditions: 24-48 hours at 55°C, in anaerobic atmosphere

Microorganism		Growth	Colour
Clostridium sporogenes	ATCC® 19404	Good	Black colonies
Clostridium perfringens	ATCC® 11437	Good	Black colonies
Escherichia coli	ATCC® 25922	Good	No blackening

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult instructions for use	Do not reuse

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CE IVD

MUELLER HINTON AGAR

Medium for susceptibility test (Kirby-Bauer method).

TYPICAL FORMULA (g/L)

Meat Extract	2.0
Casamino Acids, Technical	17.5
Starch	1.5
Agar	15.0
Final pH 7.3 ± 0.1	

DESCRIPTION

MUELLER HINTON AGAR is used for antimicrobial susceptibility testing of rapidly growing aerobic microorganisms by the disk diffusion technique.

PRINCIPLE

Casamino acids and meat extract are a source of amino acids, nitrogen, minerals, vitamins, carbon and other factors which increase the growth of microorganisms. Starch acts as a protective substance against toxic molecules which can be present in the medium. Hydrolysis of starch during sterilization supplies a little amount of glucose which represents a source of energy. Agar is the solidifying agent. Kirby-Bauer method is based on the diffusion, through the agar, of antimicrobial substances which soaks paper disks: microrganism growth shows an inhibition halo around the disk and the diameter of the halo is correlated to the Minimal Inhibiting Concentration (MIC).

PREPARATION

Suspend 36.0 g of powder in 1 litre of distilled or deionized water. Heat to boiling and shake until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes. Dispense in final containers.

TECHNIQUE

Transfer 4-5 colonies in an appropriate broth.
Place it in a 37°C incubator until an opacity is obtained equivalent to the standard opacity of 0.5 on the MacFarland scale. Introduce a sterile swab into the inoculum and inoculate the agar passing 2 or 3 times onto the entire surface.
Press the disk containing the antimicrobial on the agar surface.
Incubate at 36+/-1°C for 18 hours, measure the inhibition zone with a compass and compare to the NCCLS recommended zone ranges.

INTERPRETATION OF RESULTS

Compare obtained values of inhibition halo diameter with the values reported on NCCLS M100(M2) document.

STORAGE

10-30°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product is designed for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Bauer et al. (1966). J. Clin. Pathol. 45:493-496.
2. Mueller, J.H., and Hinton. 1941. Proc. Soc. Exp. Biol. Med. 48: 330-333.
3. NCCLS. Performance standards for susceptibility testing; Twelve Informational Supplement. NCCLS Document M100-S12, January 2002.

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PRODUCT SPECIFICATIONS

NAME
MUELLER HINTON AGAR

PRESENTATION
Dehydrated culture medium

STORAGE
10-30°C

PACKAGING

Code	Content	Packaging
610033	500 g	500 g of powder in plastic bottle
620033	100 g	100 g of powder in plastic bottle
6100335	5 kg	5 kg of powder in plastic container

pH OF THE MEDIUM
7.3 ± 0.1

USE
MUELLER HINTON AGAR is used for antimicrobial susceptibility testing of rapidly growing aerobic microorganisms by the disk diffusion technique.

TECHNIQUE
Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM
Amber medium, slightly opalescent.

SHELFLIFE
4 years

QUALITY CONTROL

1. Control of general characteristics, label and print
2. Sterility control
   7 days at 25 ± 1°C, in aerobiosis
   7 days at 36 ± 1°C, in aerobiosis
3. Microbiological control
   Incubation conditions:18-24 h at 36 ± 1°C

Microorganism		Growth	Characteristics
Enterococcus faecalis	ATCC 29212	Good	White colonies
Escherichia coli	ATCC 25922	Good	Colorless colonies
Proteus mirabilis	ATCC 25933	Good	Colorless colonies
Staphylococcus aureus	ATCC 25923	Good	White colonies

TABLE of SYMBOLS

IVD *In vitro* Diagnostic Medical Device	LOT Batch code	Manufacturer	Contains sufficient for <n> tests
REF Catalogue number	Temperature limitation	Use by	Caution, consult accompanying documents

CE IVD

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KLIGLER IRON AGAR

Differential medium for enterobacteria identification.

TYPICAL FORMULA	(g/l)
Proteose Peptone	20.0
Sodium Chloride	5.0
Yeast Extract	3.0
Meat Extract	3.0
Ferrous Sulfate	0.2
Sodium Thiosulphate	0.3
Lactose	10.0
Glucose	1.0
Phenol Red	0.024
Agar	11.0

Final pH = 7.4 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 53.5 g of powder in 1 liter of distilled or deionized water. Heat to boiling until completely dissolved. Dispense into final tubes. Sterilize in autoclave at 121°C for 15 minutes. Cool in a slanting position.

DESCRIPTION

KLIGLER IRON AGAR is a solid medium used to distinguish between *Enterobacteriaceae* on the basis of their ability to ferment lactose and / or glucose and to produce hydrogen sulphide.

TECHNIQUE

Inoculate by stabbing the butt and abundantly streaking the slope. Incubate at 36 ± 1°C for 18-24 hours and check the color of the medium both in the butt and at the slope. Also check for the presence of gas in the butt and the presence of the black precipitate (H_2S).

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: pinkish beige.
Prepared medium
Appearance: slightly opalescent, slight precipitate.
Color: slightly orange-red.
Incubation conditions: 36 ± 1°C for 18-24 hours.

Microorganism	ATCC	Growth	Slant/butt	Gas	H_2S
Citrobacter freundii	8090	good	acid/acid	+	+
Escherichia coli	25922	good	acid/acid	+	-
Proteus vulgaris	6380	good	alkaline/acid	-	+

PERFORMANCE AND LIMITATIONS

A pure culture is essential when inoculating Kligler Iron Agar. If inoculated with a mixed culture, irregular observations may occur.

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.
Store prepared tubes at 2-8°C.

REFERENCES

1. MacFaddin, J.F. (1976). Biochemical tests for identification of medical bacteria.
2. Kligler, I.J. (1918). J. Exp. Med. 28: 319-322.

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CE IVD

PRESENTATION

Product	REF	Σ
KLIGLER IRON AGAR (9.3 l)	610023	500 g
KLIGLER IRON AGAR (1.8 l)	620023	100 g

TABLE OF SYMBOLS

LOT Batch code	Caution, consult accompanying documents	Manufacturer	Contains sufficient for <n> tests	IVD *In Vitro* Diagnostic Medical Device
REF Catalogue number	Fragile, handle with care	Use by	Temperature limitation	Keep away from heat source

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CE IVD

SIMMONS CITRATE AGAR

Differential medium for enterobacteria identification.

TYPICAL FORMULA

	(g/l)
Magnesium Sulfate	0.2
Ammonium Dihydrogen Phosphate	1.0
Dipotassium Phosphate	1.0
Sodium Citrate	2.0
Sodium Chloride	5.0
Brom Thymol Blue	0.08
Agar	15.0

Final pH = 6.8 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 24.3 g of powder in 1 liter of distilled or deionized water. Heat to boiling until completely dissolved. Dispense into final tubes and sterilize in the autoclave at 121°C for 15 minutes. Allow the medium to solidify in a slant position.

DESCRIPTION

SIMMONS CITRATE AGAR is recommended for the differentiation and identification of *Enterobacteriaceae* on the basis of citrate utilization.

TECHNIQUE

Inoculate the medium with the specimen by stabbing the butt and streaking the slope. Incubate at 36 ± 1 °C for 24-48 hours. Organisms able to utilize ammonium dihydrogen phosphate and sodium citrate as the sole sources of nitrogen and carbon respectively will grow on this medium and produce an alkaline reaction as evidenced by a change in the color of the bromthymol blue indicator from green (neutral) to blue (alkaline).

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: yellow, may have green tinge.
Prepared medium
Appearance: slightly opalescent, may have a slight precipitate.
Color: forest green.
Incubation conditions: 36 ± 1°C for 24-48 hours.

Microorganism	ATCC	Growth	Characteristics
Escherichia coli □ □ □	25922	inhibited	
Enterobacter aerogenes	13048	good	blue
Salmonella typhimuriums	14028	good	blue
Salmonella typhi	19430	good	green

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared tubes at 2-8 °C.

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CE IVD

REFERENCES

1. Ewig W.H. and Edwards P.R. (1960). Bull. Bact. Nomen. And Taxon. **10**:1-12.
2. American Public Health Association (1981). Standard Methods for the Examination of Water and Wastewater, 15th ed. APHA Inc, Washington DC.
3. Matsen J.M., and Sherris J.C. (1969) Appl. Microbiol. **18**: 452-454.

PRESENTATION

Product	REF	
SIMMONS CITRATE AGAR (20.5 l)	610046	500 g
SIMMONS CITRATE AGAR (4.1 l)	620046	100 g

TABLE OF SYMBOLS

LOT Batch code	Caution, consult accompanying documents	Manufacturer	Contains sufficient for <n> tests	IVD *In Vitro* Diagnostic Medical Device
REF Catalogue number	Fragile, handle with care	Use by	Temperature limitation	Keep away from heat source

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CE IVD

ENDO AGAR

Medium for coliforms confirmatory test.

TYPICAL FORMULA	(g/l)
Peptone	10.0
Lactose	10.0
Dipotassium Phosphate	3.5
Agar	15.0
Sodium Sulphite	2.5
Basic Fuchsin	0.5

Final pH = 7.5 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 41.5 g of powder in 1 liter of distilled or deionized water. Heat to boiling with frequent and careful overturnings until complete dissolution. Autoclave at 121 °C for 15 minutes. Evenly disperse the precipitate when dispensing. Use immediately.

DESCRIPTION

ENDO AGAR is used for confirming the presence of coliforms organisms.

TECHNIQUE

For the confirmation of presumptive tests with liquid media, subculture tubes showing gas, or acid and gas formation, onto an Endo Agar plate. Incubate at 36 ± 1 °C for 24 hours. Lactose fermenting coliforms (e.g. *E. coli*) give rise to deep red colonies which color the surrounding medium and possess a golden metallic sheen. Non-lactose fermenters form colorless translucent colonies, against the pink to colorless medium.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: medium purple.

Prepared medium

Appearance: opalescent with precipitates.

Color: pink.

Incubation conditions: 36 ± 1 °C for 24 ± 2 hours.

Microorganism	ATCC	Growth	Characteristics
Staphylococcus aureus	25923	markedly to completely inhibited	
Escherichia coli □□	25922	good	red colonies w / green metallic sheen
Salmonella typhimurium	14028	good	colorless to pink colonies

PERFORMANCE AND LIMITATIONS

If the medium is to be used the same day it is rehydrated, it does not need to be autoclaved. Boil to dissolve completely before dispensing into plates.

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. The medium should be used the day it is prepared: if it is necessary store in the dark at 2-8 °C for no more than 3 days.

REFERENCES

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2. American Public .Health Association.(1975). Standard methods for the examination of water and wastewater, 14th ed.

PRESENTATION

Product	REF	Σ
ENDO AGAR (12.0 l)	**610020**	500 g
ENDO AGAR (2.4 l)	**620020**	100 g

TABLE OF SYMBOLS

LOT Batch code	Caution, consult accompanying documents	Manufacturer	Contains sufficient for <n> tests	Keep away from heat source
REF Catalogue number	Fragile, handle with care	Use by	Temperature limitation	

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ФЕДЕРАЛЬНАЯ СЛУЖБА ПО НАДЗОРУ В СФЕРЕ ЗДРАВООХРАНЕНИЯ
(РОСЗДРАВНАДЗОР)

РЕГИСТРАЦИОННОЕ УДОСТОВЕРЕНИЕ НА МЕДИЦИНСКОЕ ИЗДЕЛИЕ

от 17 октября 2011 года № ФСР 2008/03236

На медицинское изделие
Набор реагентов для бактериологических исследований "Питательная среда для культивирования и выделения бифидобактерий сухая (Бифидум-среда)" по ТУ 9398-041-78095326-2008

Настоящее регистрационное удостоверение выдано
Федеральное бюджетное учреждение науки "Государственный научный центр прикладной микробиологии и биотехнологии" Федеральной службы по надзору в сфере защиты прав потребителей и благополучия человека (ФБУН ГНЦ ПМБ) Россия, 142279, Московская область, Серпуховский район, п. Оболенск

Производитель
Федеральное бюджетное учреждение науки "Государственный научный центр прикладной микробиологии и биотехнологии" Федеральной службы по надзору в сфере защиты прав потребителей и благополучия человека (ФБУН ГНЦ ПМБ) Россия, 142279, Московская область, Серпуховский район, п. Оболенск

Место производства медицинского изделия
ФБУН ГНЦ ПМБ, 142279, Россия, Московская область, Серпуховский район, п. Оболенск

Номер регистрационного досье **№ 35007 от 31.08.2011**

Вид медицинского изделия -

Класс потенциального риска применения медицинского изделия 1

Код Общероссийского классификатора продукции для медицинского изделия 93 9816

приказом Росздравнадзора от 17 октября 2011 года № 6739-Пр/11
и приказом от 15 июля 2016 года № 6982 о замене
допущено к обращению на территории Российской Федерации.

Врио руководителя Федеральной службы
по надзору в сфере здравоохранения Д.В. Пархоменко

0018548

Instructions For Use
ENGLISH

Mannitol Salt Agar

Selective medium for isolation and enumeration of staphylococci from clinical samples and other materials, according to USP/EP/JP.

DESCRIPTION

Mannitol Salt Agar is a selective medium used for isolating pathogenic staphylococci from clinical samples, food and other materials of sanitary importance.

This medium is prepared according to recommendations of the harmonized USP/EP/JP method for the detection of *S. aureus* in non sterile pharmaceutical products.

TYPICAL FORMULA

	(g/l)
Pancreatic Digest of Casein	5.0
Peptic Digest of Animal Tissue	5.0
Beef Extract	1.0
D-Mannitol	10.0
Sodium Chloride	75.0
Phenol Red	0.025
Agar	15.0
Final pH 7.4 ± 0.2 at 25°C	

METHOD PRINCIPLE

Pancreatic digest of casein, peptic digest of animal tissue and beef extract provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Mannitol is the fermentable carbohydrate. The high salt content of 7.5% inhibits most bacteria other than staphylococci. Phenol red is the pH indicator. Agar is the solidifying agent.

PREPARATION

Dehydrated medium: Suspend 111 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil for 1 minute shaking frequently until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes.

Medium in bottles: Melt the content of the bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, if it is the case turning the bottle upside down. Cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

Inoculate plates by the direct streaking of the material to be examined over the agar surface. Incubate aerobically at 35 ± 2°C for 24-48 hours.

Harmonized USP/EP/JP method for microbiological examination of non sterile products recommends to inoculate the sample in Tryptic Soy Broth (ref. 24444). Subculture on a plate of Mannitol Salt Agar and incubate at 30-35°C for 18-72 hours.

INTERPRETING RESULTS

S. *aureus* cultivates with yellow or white colonies surrounded by a yellow zone. Confirm by identification tests*. Coagulase-negative Staphylococci form small colorless to red colonies with no color change to the medium

*Suspect colonies can be subcultured to a moderately selective medium such as Baird Parker RPF Agar (ref. 10521, 402210) for the determination of coagulase activity (ISO 6888-2).

APPEARANCE OF THE MEDIUM

Dehydrated medium: free-flowing, homogeneous, beige-pink.
Prepared medium: slightly opalescent, pinkish-red.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles and prepared plates at 2-8°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in bottles: 2 years.
Ready-to-use plates: 6 months.

QUALITY CONTROL

Plates are inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: 10-100 CFU
Inoculum for selectivity: 10^4-10^6 CFU
Incubation conditions: aerobically at 35 ± 2°C for 24-48 hours.
*30-35°C for 18-72 h (USP/EP/JP Growth Promotion Testing).

QC Table.

Microorganism		Growth	Specification
Staphylococcus aureus	ATCC® 25923	Good	Yellow colonies with yellow zone
*Staphylococcus aureus**	ATCC® 6538	Good	Yellow colonies with yellow zone
Staphylococcus epidermidis	ATCC® 12228	Good	Red colonies
Escherichia coli	ATCC® 25922	Inhibited	---
*Escherichia coli**	ATCC® 8739	Inhibited	---

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for professional use only and must be used by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. European Pharmacopoeia 6.5 (2009). 2.6.13 Microbiological examination of non-sterile products: Test for specified microorganisms.
2. United States Pharmacopoeia 32 NF 27 (2009). <62> Microbiological examination of non-sterile products: Test for specified microorganisms.
3. Japanese Pharmacopoeia 4.05 (2008). Microbiological examination of non-sterile products: Test for specified microorganisms.
4. ISO 6888-2:1999 + A1:2003. Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 2: Technique using rabbit plasma fibrinogen agar medium.
5. Kloos, W.E., and T.L. Bannerman (1995) Staphylococcus and Micrococcus. In Manual of clinical microbiology, 6th ed.
6. Chapman, G.H. (1945) The significance of sodium chloride in studies of staphylococci. J. Bacteriol. 50:201-203.

PRESENTATION		Contents	Ref.
Mannitol Salt Agar	90 mm ready-to-use plates	20 plates	10030
Mannitol Salt Agar	90 mm ready-to-use plates	100 plates	10030*
Mannitol Salt Agar	Bottles	6 x 500 ml bottles	470080
Mannitol Salt Agar	Bottles	6 x 200 ml bottles	412290
Mannitol Salt Agar	Bottles	6 x 100 ml bottles	402290
Mannitol Salt Agar	Dehydrated medium	500 g of powder	610029
Mannitol Salt Agar	Dehydrated medium	100 g of powder	620029
Mannitol Salt Agar	Dehydrated medium	5 kg of powder	6100295

TABLE OF SYMBOLS

LOT	Batch code	IVD	*In vitro* Medical Diagnostic Device		Manufacturer		Use by
REF	Catalogue number		Temperature limitation	Σ	Contains sufficient for <n> tests		Caution, consult Instruction For Use

Fragile, handle with care

Do not reuse

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CE IVD

Instructions For Use
ENGLISH

Fluid Thioglycollate Medium

Liquid medium for sterility test and cultivation of fastidious anaerobic and aerobic microorganisms, according to Harmonized USP/EP/JP and ISO 7937.

DESCRIPTION

Fluid Thioglycollate Medium is a general purpose liquid enrichment medium used for sterility control of pharmaceutical products and for cultivation and isolation of fastidious anaerobic and aerobic microorganisms.

The composition is in accordance with the requirements of the Harmonized US, European and Japanese Pharmacopoeia as well as with ISO 7937 for isolation of *Clostridium perfringens*.

TYPICAL FORMULA	(g/l)
Enzymatic Digest of Casein	15.0
Yeast Extract	5.0
Glucose	5.5
Sodium Chloride	2.5
Sodium Thioglycollate	0.5
L-Cystine	0.5
Resazurin	0.001
Agar	0.75

Final pH 7.1 ± 0.2 at 25°C

METHOD PRINCIPLE

Enzymatic digest of casein provides amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Yeast extract is a source of vitamins, particularly of B-group. Glucose is a source of energy. Sodium chloride maintains the osmotic balance of the medium. Sodium thioglycollate and L-cystine are included to reduce the redox potential of the medium and create an anaerobic atmosphere. These reducing agents also neutralize the bacteriostatic effects of mercury and other heavy metal compounds in the preparation to be tested for sterility. Resazurin is an oxidation-reduction indicator being pink when oxidized ad colorless when reduced. The small amount of agar assists in the maintenance of a low redox potential by stabilizing the medium against convection currents, thereby maintaining anaerobiosis in the lower depths of the medium.

PREPARATION

Dehydrated medium	Suspend 29.8 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Dispense into appropriate containers. Sterilize in autoclave at 121°C for 15 minutes.
Medium in tubes/bottles	If the medium exhibits more than 20% pink color (due to oxidation), the medium may be reheated once for 5 minutes with cap slightly loosened in steam or boiling water in order to expel the oxygen.

TEST PROCEDURE

The medium can be directly inoculated with the test sample (the amount of the inoculated sample material should not be exceed 10% volume of the medium). Incubate at 30-35°C for up to 14 days. Growth of strictly aerobic bacteria can be improved by slightly loosening the cap.

According to ISO 7937 for confirmation of *Clostridium perfringens* incoculate each black colony from Sulfite Cycloserine Agar (ref. 402700) into Fluid Thioglycollate Medium. Incubate at 37 ± 1°C for 18-24 hours. Subsequently, transfer 5 drops of the enrichment culture into Lactose Sulfite Medium (ref. 610358) and incubate at 46 ± 1°C for 18-24 hours.

INTERPRETING RESULTS

Turbidity of the medium indicates microbial growth. Obligate anaerobic microorganisms such as *Clostridium sporogenes* are growing in the lower, yellowish part of the broth medium. The growth of facultative anaerobic microorganisms such as *Staphylococcus aureus* is distributed throughout all the medium. Aerobic microorganisms such as *Pseudomonas aeruginosa* are able to grow in the upper slightly pink layer (oxidized part) of the medium.

APPEARANCE

Dehydrated medium: free-flowing, homogeneous, light beige.
Prepared medium: slightly opalescent, light amber (20% or less of upper layer may be pink).

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles and tubes at 10-25°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in bottles: 2 years.
Medium in tubes: 1 year.

© Liofilchem® - Fluid Thioglycollate Medium - Rev.0.1 / 13.05.2015

QUALITY CONTROL

Fluid Thioglycollate Medium is inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: ≤ 100 CFU.
Incubation conditions: 24 h at 30-35°C for bacteria, 48 h at 20-25°C for yeasts, 72 h at 20-25°C for moulds (Pharmacopoeia growth promotion);
18-24 at 37 ± 1°C for *Clostridium perfringens* (ISO 11133).

QC Table.

Microorganism		Specification
Bacillus subtilis	ATCC® 6633	Visible turbidity
Clostridium sporogenes	ATCC® 19404	Visible turbidity
Escherichia coli	ATCC® 8739	Visible turbidity
Pseudomonas aeruginosa	ATCC® 9027	Visible turbidity
Staphylococcus aureus	ATCC® 6538	Visible turbidity
Candida albicans	ATCC® 10231	Visible turbidity
Aspergillus brasiliensis	ATCC® 16404	Visible turbidity
Clostridium perfringens	WDCM 00007	Slight to good turbidity

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use.
The product is intended for *in vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. ISO 11133:2014. Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.
2. ISO 7937:2004. Microbiology of food and animal feeing stuffs – Horizontal method for the enumeration of *Clostridium perfringens* – Colony count technique.
3. United States Pharmacopeial Convention (2008). The United States Pharmacopeia, 31/the National formulary 26, Supp. 1, 8-1-08, online.
4. European Directorate for the Quality of Medicines and Healthcare. 2008.The European pharmacopoeia, 6th ed., Supp. 1, 4-1-08, online.
5. Japanese Ministry of Health, Labour and Welfare. 2006. The Japanese pharmacopoeia, 15th ed., online.
6. Brewer J.H. (1940) Clear liquid medium for the aerobic "cultivation" of anaerobes. J. Am. Med. Assoc. 115:598-600.

PRESENTATION		Contents	Ref.
Fluid Thioglycollate Medium	Tubes	20 x 10 ml tubes	24124
Fluid Thioglycollate Medium	Tubes	100 x 10 ml tubes	26124
Fluid Thioglycollate Medium	Tubes	10 x 20 ml tubes	21241
Fluid Thioglycollate Medium	Tubes	20 x 20 ml tubes	24241
Fluid Thioglycollate Medium	Bottles	6 x 100 ml bottles (flip-off cap)	400020
Fluid Thioglycollate Medium	Bottles	6 x 300 ml bottles (flip-off cap)	400120
Fluid Thioglycollate Medium	Bottles	6 x 1000 ml bottles (flip-off cap)	400220
Fluid Thioglycollate Medium	Bottles	6 x 100 ml bottles (screw cap)	452060
Fluid Thioglycollate Medium	Bottles	25 x 100 ml bottles (screw cap)	453060
Fluid Thioglycollate Medium	Bottles	6 x 900 ml bottles (screw cap)	463100
Fluid Thioglycollate Medium	Bottles	6 x 100 ml bottles (crimp cap)	495020
Fluid Thioglycollate Medium	Bottles	6 x 100 ml bottles (perforable cap)	493000
Fluid Thioglycollate Medium	Bottles	6 x 500 ml bottles (wide neck)	470300
Fluid Thioglycollate Medium	Dehydrated medium	500 g of powder	610050
Fluid Thioglycollate Medium	Dehydrated medium	100 g of powder	620050
Fluid Thioglycollate Medium	Dehydrated medium	5 kg of powder	6100505

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care	Keep away from sunlight
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult Instruction For Use	Do not reuse	

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CE IVD

Instructions For Use
ENGLISH

Chromatic™ Detection

Chromogenic medium for the enumeration and identification of microorganisms directly from clinical and nonclinical specimens.

DESCRIPTION

Chromatic™ Detection is a chromogenic medium used for the enumeration and identification of microorganisms directly from clinical and nonclinical specimens.

The medium allows to carry out indole test for confirmation of *Escherichia coli*.

TYPICAL FORMULA

	g/l
Peptone	14.0
Tryptone	6.0
Yeast Extract	3.0
Sodium Chloride	5.0
Chromogenic Mix	13.1
Agar	15.0

Final pH 7.2 ± 0.2 at 25°C

METHOD PRINCIPLE

Peptone and tryptone provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Yeast extract is a source of vitamins, particularly of B-group. Sodium chloride maintains the osmotic balance of the medium. Chromogenic mix allows to identify microorganisms on the basis of the color and morphology of the colonies. Agar is the solidifying agent.

PREPARATION

Dehydrated medium: Suspend 56.1 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes.

Medium in bottles: Melt the content of the bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, if it is the case turning the bottle upside down. Cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

Inoculate the medium by direct streaking or spread plating. Incubate aerobically at 35 ± 2°C for 18-24 hours.

INTERPRETING RESULTS

After incubation observe the color and the morphology of the colonies and interpret the results as indicated in the ID table.

ID Table.

Microorganism	Typical colony color
E. coli	Pink-reddish-mauve
Klebsiella spp, *Enterobacter* spp, *Serratia* spp	Green-blue
Proteus spp	Brown
Pseudomonas spp	Yellowish-green
S. aureus	Cream
E. faecalis	Green-turquoise
S. saprophyticus	Light pink

See pictures in Appendix I.

APPEARANCE

Dehydrated medium: fine, dry, homogeneous, free of extraneous material, beige.
Prepared medium: slightly opalescent, amber.

© Liofilchem® - Chromatic™ Detection- Rev.0 3 / 23.12.2015

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles and prepared plates at 2-8°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 2 years.
Medium in bottles: 1 year.
Ready-to-use plates: 4 months.

QUALITY CONTROL

Plates are inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: 50-100 CFU
Incubation conditions: aerobically at 35 ± 2°C for 18-24 hours.

QC Table.

Microorganism		Growth	Specification
Escherichia coli	ATCC® 25922	Good	Pink-reddish-mauve colonies
Klebsiella pneumoniae	ATCC® 13883	Good	Green-blue colonies
Proteus mirabilis	ATCC® 12453	Good	Brown colonies
Pseudomonas aeruginosa	ATCC® 27853	Good	Yellowish-green colonies
Staphylococcus aureus	ATCC® 25923	Good	Cream colonies
Enterococcus faecalis	ATCC® 29212	Good	Green-turquoise colonies
Staphylococcus saprophyticus	ATCC® 15305	Good	Light pink colonies

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *in vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. Merlino J., S. Siarakas, G.J. Robertson, G.R. Funnel, T. Gottlieb, and R. Bradbury (1996) Evaluation of Colorex Orientation for differentiation and presumptive identification of Gram-negative bacilli and Enterococcus species. J. Clin. Microbiol. 34: 1788-1793.
2. Samra Z., et al. (1998) Evaluation of use of a new chromogenic Agar in detection of urinary tract pathogens. J. Clin. Microbiol. 36: 990-994.

PRESENTATION		Contents	Ref.
Chromatic™ Detection	90 mm ready-to-use plates	20 plates	11611
Chromatic™ Detection	Bottles	6 x 100 ml bottles	481130
Chromatic™ Detection	Dehydrated medium	500 g of powder	610612
Chromatic™ Detection	Dehydrated medium	100 g of powder	620612
Chromatic™ Detection	Dehydrated medium	5 kg of powder	6106125

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult Instruction For Use	Do not reuse

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CE IVD

Instructions For Use
ENGLISH

XLD Agar

Selective medium for detection of *Salmonella* and *Shigella* spp in food, environmental samples and other materials, according to ISO 6579 and ISO 21567.

DESCRIPTION

XLD (Xylose Lysine Deoxycholate) Agar is a selective medium used for the isolation and differentiation of pathogen Enterobacteriaceae, especially *salmonellae* and *shigellae* from food, environmental samples and clinical specimens.

XLD Agar is formulated according to ISO 6579 and ISO 21567 for the detection of *Salmonella* and *Shigella* spp, respectively.

TYPICAL FORMULA

	(g/l)
Yeast Extract	3.0
Sodium Chloride	5.0
Xylose	3.75
Lactose	7.5
Sucrose	7.5
L-Lysine	5.0
Sodium Thiosulfate	6.8
Iron(III) Ammonium Citrate	0.8
Phenol Red	0.08
Sodium Deoxycholate	1.0
Agar	15.0
Final pH 7.4 ± 0.2 at 25°C	

METHOD PRINCIPLE

Yeast extract is a source of vitamins, particularly of B-group. Sodium chloride maintains the osmotic balance of the medium. Xylose, lactose and sucrose are the fermentable carbohydrates. Lysine is the decarboxylase substrate. Sodium thiosulfate and ferric ammonium serve as indicators of hydrogen sulphide production under alkaline conditions. Phenol red is the pH indicator. Sodium deoxycholate is the selective agent inhibiting most Gram-positive bacteria. Agar is the solidifying agent.

PREPARATION

Dehydrated medium: Suspend 55.4 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. DO NOT AUTOCLAVE.

Medium in bottles: Melt the content of the bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Immediately cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

Inoculate the plates by spread method. Incubate aerobically at 37 ± 1°C for up to 48 hours.

INTERPRETING RESULTS

After incubation observe the color of the colonies and interpret the results as indicated in the ID Table.

ID Table.

Microorganism	Appearance of colonies
Salmonella, Edwarsiella spp	Red with black center
Shigella, Providencia, Pseudomonas spp, *Salmonella paratyphi* (H_2S-negative strains)	Red
Salmonella thyphosa (xilose-positive strains)	Orange
Escherichia coli, Enterobacter, Aeromonas, Klebsiella, Serratia spp	Yellow with yellow zone
Citrobacter spp (lactose-positive strains)	Yellow with yellow zone, sometimes with black center
Proteus spp	Yellow with yellow zone and black center

APPEARANCE

Dehydrated medium: free-flowing, homogeneous, pink.
Prepared medium: slightly opalescent, red.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles, tubes and prepared plates at 10-25°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 2 years.
Medium in bottles: 1 year.
Ready-to-use plates: 6 months.

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QUALITY CONTROL

Plates are inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: ≤100 CFU
Inoculum for selectivity: >10^3 CFU
Incubation conditions: aerobically at 37 ± 1°C for 24 ± 3 hours.

QC Table.

Microorganism		Growth	Specification
Salmonella Typhimurium	WDCM 00031	Good	Red colonies with black center
Salmonella Enteritidis	WDCM 00030	Good	Red colonies with black center
Shigella flexneri	ATCC® 12022	Good	Red colonies
Escherichia coli	WDCM 00013	Poor	Yellow colonies
Enterococcus faecalis	WDCM 00087	Inhibited	---

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *in vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. EN ISO 11133:2014. Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.
2. EN ISO 21567:2004 Microbiology of food and animal feeing stuffs – Horizontal method for the detection of *Shigella* spp.
3. ISO 6579:2002 Microbiology of food and animal feeing stuffs – Horizontal method for the detection of *Salmonella* spp.
4. Vanderzant C. and D.F. Splittstoesser (1992) Compendium of methods for the microbiological examination of foods, 3rd ed. American Public Health Association, Washington D.C.
5. Rollender W. et al. (1969) Comparison of xylose lysine deoxycholate agar and MacConkey Agar for the isolation of Salmonella and Shigella from clinical specimens. Am J Clin Pathol; 51/2:284-386
6. Taylor W.J. (1965) Isolation of Shigellae I. Xylose lysine agars: new media for isolation of enteric pathogens. Am J Clin Pathol; 44:471-475.
7. Taylor W.J. and Harris B (1965) Isolation of Shigellae II. Comparison of plating media and enrichment broths. Am J Clin Pathol; 44X:476-479.

PRESENTATION		Contents	Ref.
XLD Agar	90 mm ready-to-use plates	20 plates	10056
XLD Agar	90 mm ready-to-use plates	100 plates	10056*
XLD Agar	Bottles	6 x 100 ml bottles	402570
XLD Agar	Dehydrated medium	500 g of powder	610060
XLD Agar	Dehydrated medium	100 g of powder	620060
XLD Agar	Dehydrated medium	5 kg of powder	6100605

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult Instruction For Use	Do not reuse

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CE IVD

PEPTONE BACTERIOLOGICAL

Peptone obtained by enzymatic hydrolysis of animal tissue.

USE

PEPTONE BACTERIOLOGICAL is an enzymatic hydrolysate of meat that supplies a limpid, colorless and very stable watery solution. It is used in the preparation of culture media as a nitrogen source readily available for bacterial growth. It is a general use very nutritive peptone, with neutral pH.

PHYSICO-CHEMICAL CHARACTERISTICS

	Standard
Solubility in water at 2%	Complete
pH of 2% solution	7.0+/-0.5
Loss on drying	≤ 6.0%
Total nitrogen	>12.5%
α-amino nitrogen AN	3-4.5%
Ash	5.0%

TECHNIQUE

Peptone Bacteriological can be used as an ingredient of dehydrated culture media and need dissolution in distilled or deionized water and sterilization by autoclaving.

QUALITY CONTROL

Dehydrated powder
Appearance: free-flowing, homogeneous.
Color: cream.

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.

REFERENCES

1. Standard Methods for Examination of Water and Sewage, 15th ed., (1980).
2. J. Dairy Science, **16**: 277: (1933).

PRESENTATION

Product	REF	Σ
PEPTONE BACTERIOLOGICAL	611701	500 g
PEPTONE BACTERIOLOGICAL	621701	100 g
PEPTONE BACTERIOLOGICAL	6117015	5 Kg

TABLE OF SYMBOLS

LOT	Batch code		Caution, consult accompanying documents		Manufacturer	Σ	Contains sufficient for <n> tests
REF	Catalogue number		Fragile, handle with care		Use by		Temperature limitation

IVD	*In Vitro* Diagnostic Medical Device
	Keep away from heat source

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CE IVD

NUTRIENT BROTH

Medium for non fastidious bacteria growth.

TYPICAL FORMULA (g/l)

Beef Extract	1.0
Yeast Extract	2.0
Peptone	5.0
Sodium Chloride	5.0

Final pH = 6.8 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 13.0 g of powder in 1 liter of distilled or deionized water. Dissolve completely. Dispense into final tubes. Sterilize in autoclave at 121°C for 15 minutes.

DESCRIPTION

NUTRIENT BROTH is a general purpose medium used for the cultivation of those microorganisms that are not exacting on their food requirements. It is the formula as specified by the American Public Health Association in Standard Methods for the Examination of Water and Sewage and Standard Methods for the Examination of Dairy Products.

TECHNIQUE

Inoculate the broth with specimen on a swab. Incubate for 18-24 hours at 36 ± 1 °C. Turbidity indicates growth.
As a preenrichment medium when testing certain foods and dairy products for *Salmonella*, consult appropriate references for specific recommendations:
- Mix 25 g of sample with 225 ml of Nutrient Broth.
- Incubate for 18-24 hours at 36 ± 1°C.
- Transfer a portion to a selective enrichment broth.

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: medium tan.
Prepared medium
Appearance: clear with no precipitate.
Color: light to medium amber.
Incubation conditions: 36 ± 1°C for 18-24 hours.

Microorganism	ATCC	Growth
Escherichia coli	25922	good
Staphylococcus aureus	25923	good

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, tightly closed in its original container and use it before the expiry date on the label or until signs of deterioration or contamination are evident.
Store prepared tubes at 2-8 °C.

REFERENCES

1. American Public Health Association. 1923. Standard methods of water analysis, 5th ed.
2. Association of Official Analytical Chemists. 1995. Official methods of analysis of AOAC International, 16th ed.
3. Marshall, R.T. (ed.). 1993. Standard methods for the microbiological examination of dairy products, 16th ed.

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CE IVD

Dehydrated culture medium
Rev. 0 - 3rd Ed. 2004
Page 2 of 2

PRESENTATION

Product	REF	Σ
NUTRIENT BROTH (38.4 l)	610037	500 g
NUTRIENT BROTH (7.6 l)	620037	100 g
NUTRIENT BROTH (384.6 l)	6100375	100 g

TABLE OF SYMBOLS

LOT Batch code	Caution, consult accompanying documents	Manufacturer	Contains sufficient for <n> tests	IVD *In Vitro* Diagnostic Medical Device
REF Catalogue number	Fragile, handle with care	Use by	Temperature limitation	Keep away from heat source

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CE IVD

MRS Agar

Medium for isolation and enumeration of mesophilic lactic acid bacteria, according to 15214.

TYPICAL FORMULA	(g/l)
Enzymatic Digest of Casein	10.0
Meat Extract	10.0
Yeast Extract	4.0
Triammonium Citrate	2.0
Sodium Acetate	5.0
Magnesium Sulfate Heptahydrate	0.2
Manganese Sulfate Tetrahydrate	0.05
Dipotassium Hydrogen Phosphate	2.0
Glucose	20.0
Agar	15.0

Final pH 5.7 ± 0.1 at 25°C

DESCRIPTION

MRS Agar is a medium used with supplements for the cultivation of *Lactobacillus* spp from all types of materials. It may also support the growth of *Pediococcus* and *Leuconostoc* species as well as other secondary bacteria.

The complete medium complies with the recommendations of ISO 15214 and APHA.

PRINCIPLE

Enzymatic digest of casein and meat extract provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Yeast extract is a source of vitamins, particularly of B-group. Ammonium citrate and sodium acetate are the selective agents effective against streptococci and moulds. The low pH is also inhibitory for most organisms other than lactobacilli. Magnesium and manganese sulfates are sources of ions and sulfate acting as growth stimulants. Dipotassium phosphate is the buffer. Glucose is the fermentable carbohydrate. Agar is the solidifying agent.

Supplementation with Tween 80 Supplement (ref. 80031) provides a mixture of oleic esters and fatty acids essential for the growth of lactic acid bacteria.

PREPARATION

Suspend 68.3 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Add 1 ml of Tween 80 Supplement. Sterilize in autoclave at 121°C for 15 minutes.

Note. According to ISO 15214, 1.4 g of Sorbic Acid (dissolved in about 10 ml of a 1 mol/l solution of sodium hydroxide) can be added to 1 liter of sterilized medium if extensive yeast contamination is suspected.

TECHNIQUE

1. Use a suitable diluent such as Buffered Peptone Water (ref. 24099) to perform serial dilutions of the test sample in order to achieve a colony count of between 15 and 300 colonies per plate.
2. Inoculate each plate with 1 ml of sample suspension by pour plating. Overlays may be used if required.
3. Incubate at 30°C for 72 hours.

INTERPRETATION OF RESULTS

Count colonies on all plates containing 15-300 colonies. Report the count as CFU/ml of sample allowing for dilution factors.

It may be necessary in some cases and for some products to confirm the colonies by simple techniques such as Gram staining, or the test for catalase.

STORAGE AND TRANSPORT CONDITIONS

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared plates at 2-8°C away from light.

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is designed for *in vitro* diagnostic use only and must be used by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to the national and local regulations in force.

REFERENCES

1. APHA (2015): Compendium of Methods for the Microbiological Examination of Foods. 5th edition. American Public Health Association, Washington, D.C.
2. EN ISO 11133:2014. Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.
3. Schillinger U and Holzapfel WH (2012) Culture media for Lactic Acid Bacteria. In: Handbook of Culture Media for Food and Water Microbiology. (Corry JEL, Curtis GDW and Baird RM eds), pp 174-186. Royal Society of Chemistry, Cambridge, UK.
4. ISO 15214:1998. Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of mesophilic lactic acid bacteria – Colony count technique at 30°C.
5. De Man JD, Rogosa M, and Sharpe ME (1960): A Medium for the cultivation of Lactobacilli. J. Appl. Bact. 23: 130-135.

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CE IVD

PRODUCT SPECIFICATIONS

NAME
MRS Agar

PRESENTATION
Dehydrated medium

STORAGE
10-30°C

PACKAGING

Ref.	Content	Packaging
610024	500 g	500 g of powder in plastic bottle
620024	100 g	100 g of powder in plastic bottle

pH OF THE MEDIUM
5.7 ± 0.1

USE
MRS Agar is a medium used with supplements for the cultivation of mesophilic lactic acid bacteria, according to 15214

TECHNIQUE
Refer to technical sheet of the product

APPEARANCE OF THE MEDIUM
Powder medium
Appearance: free-flowing, homogeneous
Colour: beige
Ready-to-use medium
Appearance: slightly opalescent
Colour: amber

SHELFLIFE
4 years

QUALITY CONTROL
1. Control of general characteristics, label and print
2. Microbiological control
   Inoculum for productivity: 50-100 CFU
   Inoculum for selectivity: 10^4-10^6 CFU
   Incubation Conditions: 72 ± 3 h at 30 ± 1°C, in microaerobiosis

Microorganism		Growth
Lactobacillus sakei	WDCM 00015	Good
Lactobacillus lactis	WDCM 00016	Good
Escherichia coli	WDCM 00012	Inhibited
Bacillus cereus	WDCM 00001	Inhibited

TABLE OF SYMBOLS

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CE IVD

S.S. AGAR (MODIFIED)

Terreno selettivo per l'isolamento di *Salmonella* spp. e *Shigella* spp.

FORMULA TIPICA	(g/l)
Peptone	5.5
Estratto di Carne	5.0
Lattosio	10.0
Sodio Tiosolfato	8.5
Estratto di Lievito	5.0
Sodio Citrato	1.0
Sali di Bile N.3	1.5
Ammonio Ferrico Citrato	1.5
Verde Brillante	0.33 mg
Rosso Neutro	0.025
Agar	14.0
pH Finale 7.0 ± 0.2	

DESCRIZIONE

S.S. AGAR (MODIFIED) è un terreno altamente selettivo per l'isolamento di *Salmonella* spp ed alcune specie di *Shigella* da materiale clinico, alimenti ed altri campioni.

PRINCIPIO

I microrganismi Gram-positivi ed i coliformi sono inibiti dai componenti selettivi: verde brillante, sali di bile, tiosolfato e citrato. La differenziazione dei microrganismi è ottenuta attraverso l'introduzione del lattosio nel terreno: gli organismi che fermentano il lattosio producono acidificazione che, in presenza del rosso neutro, determina la formazione di colonie rosse. I lattosio non-fermentanti producono colonie incolori. Il tiosolfato, in combinazione con il ferro, agisce come un indicatore per la produzione di solfuro che è indicata da un annerimento del centro delle colonie.

PREPARAZIONE

Sospendere 52.0 g di polvere in 1 litro di acqua distillata o deionizzata sterile. Mescolare bene. Riscaldare agitando di frequente e bollire fino a completa dissoluzione. NON AUTOCLAVARE. Raffreddare il terreno a 45-50°C. In condizioni di asepsi dispensare in piastre Petri e lasciar solidificare il terreno mantenendo i coperchi parzialmente rimossi.

TECNICA

Inoculare strisciando il campione da analizzare sulla superficie del terreno al fine di isolare colonie pure da campioni contenenti una flora mista. Incubare a 36+/-1°C per 18-24 ore.

INTERPRETAZIONE DEI RISULTATI

Salmonella spp ed altri microorganismi non fermentanti il lattosio possono produrre colonie opache, traslucenti o trasparenti, con o senza il centro nero. Le colonie di Shigella sono incolori. I pochi organismi che fermentano il lattosio, che riescono a crescere sul terreno, si differenziano per le colonie rossastre di aspetto mucoide.

CONSERVAZIONE

Il prodotto può essere conservato a 10-30°C al riparo dalla luce, fino alla data di scadenza indicata in etichetta. Eliminare se vi sono segni evidenti di deterioramento o contaminazione.

AVVERTENZE E PRECAUZIONII

Il prodotto non contiene sostanze nocive in concentrazioni superiori ai limiti fissati dalla normativa vigente, perciò non è classificato come pericoloso; per il suo impiego si consiglia comunque di consultare la scheda di sicurezza. Il prodotto è destinato esclusivamente per Uso Diagnostico *in vitro* e deve essere utilizzato da parte di personale qualificato.

SMALTIMENTO DEI RIFIUTI

Lo smaltimento del prodotto deve essere effettuato secondo le vigenti regolamentazioni nazionali e locali.

RIFERIMENTI BIBLIOGRAFICI

1. Gray L.D. (1995). Escherichia, Salmonella, Shigella and Yersinia, p. 450-456. In Manual of clinical microbiology, 6th ed. American society of microbiology.
2. Leifson E. (1935). J. Pathol. Bacteriol. 40: 581.
3. Rose, H.M., and M.H. Kolodny (1942). J. Lab. Clin. Med. 27: 1081-1083.

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CE IVD

SPECIFICHE DI PRODOTTO

DENOMINAZIONE
S.S. AGAR (MODIFIED)

PRESENTAZIONE
Terreno disidratato

CONSERVAZIONE
10-30°C

CONFEZIONAMENTO

Ref.	Contenuto	Modalità di confezionamento
610042	500 g	500 g di polvere in flacone in plastica
620042	100 g	100 g di polvere in flacone in plastica
6100425	5 kg	5 kg di polvere in contenitore in plastica

pH DEL TERRENO
7.0 ± 0.2

IMPIEGO
S.S. AGAR è un terreno altamente selettivo per l'isolamento di *Salmonella* spp ed alcune specie di *Shigella* da materiale clinico, alimenti ed altri campioni

TECNICA
Fare riferimento alla scheda tecnica del prodotto

ASPETTO DEL TERRENO
Terreno disidratato
Aspetto: omogeneo
Colore: rosa chiaro
Terreno preparato
Aspetto: opaco
Colore: viola

VALIDITÀ DALLA DATA DI PRODUZIONE
4 anni

CONTROLLO DI QUALITÀ
1. Controllo caratteristiche generali, etichettatura e stampa
2. Controllo microbiologico
   Dimensione dell'inoculo per produttività: 10-100 UFC/ml
   Dimensione dell'inoculo per selettività : 10^5-10^6 UFC/ml
   Dimensione dell'inoculo per specificità: $\leq 10^4$ UFC/ml
   Condizioni di incubazione: 18-24 h a 35 ± 2°C in aerobiosi

Microrganismo		Crescita	Caratteristiche
Shigella flexneri	ATCC® 12022	Buona	Colonie incolori
Salmonella typhimurium	ATCC® 14028	Buona	Colonie incolori con o senza centro nero
Enterococcus faecalis	ATCC® 29212	Inibita	—
Staphylococcus aureus	ATCC® 25923	Inibita	—
Escherichia coli	ATCC® 25922	Parzialmente inibita	Colonie rosa o rosse

TABELLA DEI SIMBOLI

LOT Numero di lotto	IVD Per uso diagnostico *in vitro*	Fabbricante	Data di scadenza
REF Numero di catalogo	Limiti di temperatura	Contenuto sufficiente per <n> test	Attenzione, consultare le istruzioni per l'uso

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CE IVD

PHENYLALANINE AGAR

Medium for enterobacteria differentiation.

TYPICAL FORMULA	(g/l)
Yeast Extract	3.0
Disodium Phosphate	1.0
Sodium Chloride	5.0
DL-Phenylalanine	2.0
Agar	15.0

Final pH = 7.3 ± 0.2 at 25 °C.

DIRECTIONS

Suspend 26.0 g of powder in 1 liter of distilled or deionized water. Heat until completely dissolved. Distribute into final tubes. Sterilize in autoclave at 121°C for 15 minutes. Allow the medium to solidify in a slanted position.

DESCRIPTION

PHENYLALANINE AGAR is a medium recommended for the differentiation of members of the *Proteus* and *Providencia* groups from other enterobacteria.

TECHNIQUE

Inoculate the slant with test organisms and incubate at 36 ± 1°C for 18-24 hours. Add 3-5 drops of Ferric Chloride 10% (code 80272) and 3-5 drops of a 0.1 N HCl solution to a 24 hours culture. Rotate the tubes to wet and loosen the growth.
A positive test is indicated by the formation of a characteristic green color. *Proteus* and *Providencia* groups give a positive reaction in 1-5 minutes. Other members of *Enterobacteriaceae* give negative reactions.

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: light tan.
Prepared medium
Appearance: slightly opalescent without precipitate.
Color: light amber.
Incubation conditions: 36 ± 1 °C for 18-24 hours.

Microorganism	ATCC	Growth	Reaction
Escherichia coli □ □	25922	good	-
Enterobacter aerogenes	13048	good	-
Proteus mirabilis	25933	good	+
Proteus vulgaris	13315	good	+

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.
Store prepared tubes at 2-8 °C.

REFERENCES

1. Ann. Inst. Pasteur. (1954) **87**: 375-386.
2. Pub. Hlth Lab. (1957) **15**: 153.

PRESENTATION

Product	REF	Σ
PHENYLALANINE AGAR (19.2 l)	610039	500 g
PHENYLALANINE AGAR (3.8 l)	620039	100 g

TABLE OF SYMBOLS

LOT Batch code	Caution, consult accompanying documents	Manufacturer	Contains sufficient for <n> tests	Keep away from heat source
REF Catalogue number	Fragile, handle with care	Use by	Temperature limitation	

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Instructions For Use
ENGLISH

Nutrient Agar

Medium for cultivating non-fastidious organisms and confirming *Pseudomonas aeruginosa*, according to ISO 16266.

DESCRIPTION

Nutrient Agar is a medium used for the cultivation of non-fastidious organisms from clinical specimens and environmental samples.

Nutrient Agar is formulated according to ISO 16266 for the detection and enumeration of *Pseudomonas aeruginosa* in water by the membrane filtration technique.

TYPICAL FORMULA

	(g/l)
Peptone	5.0
Meat Extract	1.0
Yeast Extract	2.0
Sodium Chloride	5.0
Agar	15.0
Final pH 7.4 ± 0.2 at 25°C	

METHOD PRINCIPLE

Peptone and meat extract provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Yeast extract is a source of vitamins, particularly of B-group. Sodium chloride maintains the osmotic balance of the medium. Agar is the solidifying agent.

PREPARATION

Dehydrated medium: Suspend 28 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes.

Medium in tubes/bottles: Melt the content of the tube/bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, if it is the case turning the tube/bottle upside down. Cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

According to ISO 16266, transfer the membrane and presumptive *Pseudomonas aeruginosa* to a plate of Nutrient Agar. Incubate aerobically at 36 ± 2°C for 20-24 hours.

Alternatively, the medium can be inoculated by spread plating or direct streaking of the sample over the agar surface.

INTERPRETING RESULTS

Observe for colony growth. Confirm *P. aeruginosa* by performing the oxidase test (ref. 88029).

APPEARANCE

Dehydrated medium: free-flowing, homogeneous, beige.
Prepared medium: slightly opalescent, light amber.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles, tubes and prepared plates at 10-25°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in bottles: 2 years.
Medium in tubes: 1 year.
Ready-to-use plates: 6 months.

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QUALITY CONTROL

Plates are inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: 50-100 CFU
Incubation conditions: aerobically at 36 ± 1°C for 20-24 hours.

QC Table.

Microorganism		Growth
Pseudomonas aeruginosa	ATCC® 27853	Good
Escherichia coli	ATCC® 25922	Good

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. ISO 16266:2008. Water Quality – Detection and enumeration of *Pseudomonas aeruginosa* – Method by membrane filtration.
2. Marshall, R.T. (1993) Standard methods for the microbiological examination of dairy products, 16th ed.

PRESENTATION		Contents	Ref.
Nutrient Agar	90 mm ready-to-use plates	20 plates	10044
Nutrient Agar	90 mm ready-to-use plates	100 plates	10044*
Nutrient Agar	Tubes	20 x 22 ml tubes	31083
Nutrient Agar	Tubes	10 x 22 ml tubes	30083
Nutrient Agar	Bottles	6 x 500 ml bottles	470060
Nutrient Agar	Bottles	6 x 200 ml bottles	412190
Nutrient Agar	Bottles	6 x 100 ml bottles	402190
Nutrient Agar	Dehydrated medium	100 g of powder	620036
Nutrient Agar	Dehydrated medium	500 g of powder	610036
Nutrient Agar	Dehydrated medium	5 kg of powder	6100365

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Medical Diagnostic Device	Manufacturer	Use by	Fragile, handle with care
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult Instruction For Use	Do not reuse

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CE IVD

Instructions For Use
ENGLISH

Sabouraud Dextrose Agar

Medium for the cultivation and enumeration of yeasts and moulds from different materials, according to EN ISO 11133 and USP/EP/JP.

DESCRIPTION

Sabouraud Dextrose Agar (SDA) is a non selective isolation medium used for the growth and maintenance of pathogenic and non-pathogenic fungi from clinical and nonclinical specimens. It is also used for recovery and total counting of yeasts and moulds in environmental monitoring.

This medium complies with EN ISO 11133 for microbiological examination of food, animal feed and water, where it is described as the main reference medium to carry out quantitative testing on culture media intended for fungi.

Its formula conforms to the recommendations of the harmonized method in the United States Pharmacopoeia (USP), European Pharmacopoeia (EP) and Japanese Pharmacopoeia (JP) for the microbiological examination of non sterile products. The medium is also available as gamma-irradiated triple bagged plates, particularly suitable for use in restricted areas like isolators and clean rooms.

TYPICAL FORMULA

	(g/l)
Pancreatic Digest of Casein	5.0
Peptic Digest of Animal Tissue	5.0
Dextrose	40.0
Agar	15.0

Final pH 5.6 ± 0.2 at 25°C

METHOD PRINCIPLE

Pancreatic digest of casein and peptic digest of animal tissue provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Dextrose is an energy source. Agar is the solidifying agent. The high concentration of dextrose and the acidic pH of the medium permit selectivity of fungi.

The medium can be supplemented with chloramphenicol to increase bacterial inhibition and recovery of dermatophytes.

PREPARATION

Dehydrated medium: Suspend 65 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes.

Medium in bottles: Melt the content of the bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, if it is the case turning the bottle upside down. Cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

For use in medical microbiology

Streak the specimen as soon as possible after it is received in the laboratory to obtain isolated colonies.
Prepared tubed slants primarily are intended for use with pure cultures for maintenance or other purposes.
Incubation conditions may vary according to the type of specimen and the microorganisms being tested for.

For use in food, animal feed and water testing

Refer to EN ISO 11133 for specific instructions.

For use in industrial microbiology

Control of non-sterile products
Refer to the procedure described in the harmonized chapters of the Pharmacopoeia.

Passive Air Monitoring
Take the lid off the settle plate and leave the medium exposed to the air for a period of time no longer than 4 hours. Plates can be placed according to the 1/1/1 scheme (for 1 h, about 1 above the floor, at least 1 m from the walls or any obstacle).

Surfaces and Personnel Hygiene Monitoring
Take a swab sample for irregular surfaces or use the sampling template 10x10 (ref. 96762) to sample a well defined area of the test surface. Inoculate a 90 mm plate by streaking the swab over the agar surface. Furthermore, the medium is suitable for personnel hygiene monitoring to detect microbial contamination of gloves or hands e.g. in a 5-finger-print.

Incubate the plates at 20-25°C for 5-7 days or at 30-35°C for 24-48 hours.

INTERPRETING RESULTS

Transfer of growth from slants to plated media may be required in order to obtain pure cultures of fungi.
Examine for fungal colonies exhibiting typical microscopic and colonial morphology. Biochemical tests may be required for final identification.

The total combined yeasts/moulds count (TYMC) is considered to be equal to the number of CFU found per each plate.
When an acceptable criterion for microbiological quality is prescribed it is interpreted as follows:

- 10^1 CFU: maximum acceptable count = 20;
- 10^2 CFU: maximum acceptable count = 200;
- 10^3 CFU: maximum acceptable count = 2000, and so forth.

In procedures intended for environmental and personnel hygiene monitoring, observe daily for the formation of colonies.

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APPEARANCE

Dehydrated medium: free-flowing, homogeneous, light beige.
Prepared medium: slightly opalescent, light amber.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles, tubes and prepared plates at 10-25°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in bottles: 2 years.
Medium in tubes: 1 year.
Ready-to-use plates: 6 months.

QUALITY CONTROL

The medium is inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: 50-100 CFU.
Incubation conditions: 32.5 ± 2.5°C for 24-48 h (*C. albicans*) and at 22.5 ± 2.5°C for up to 5 days (all listed organisms), under aerobic atmosphere.

QC Table.

Microorganism		Growth
Candida albicans	WDCM 00054	Good
Aspergillus brasiliensis	WDCM 00053	Good
Saccharomyces cerevisiae	WDCM 00058	Good

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *in vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. EN ISO 11133:2014. Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.
2. European Pharmacopoeia 6.5 (2009) 2.6.13. Microbiological examination of non-sterile products: Test for specified microorganisms.
3. United States Pharmacopoeia 32 NF 27 (2009) <62> Microbiological examination of non-sterile products: Test for specified microorganisms.
4. Japanese Pharmacopoeia 4.05 (2008) Microbiological examination of non-sterile products: Test for specified microorganisms.
5. Sabouraud, R. (1892) Ann. Dermatol. Syphilol. 3:1061.

PRESENTATION

		Contents	Ref.
Sabouraud Dextrose Agar	90 mm ready-to-use plates	20 plates	10035
Sabouraud Dextrose Agar	90 mm ready-to-use plates	100 plates	10035*
Sabouraud Dextrose Agar	90 mm ready-to-use plates (triple-wrapped and gamma-irradiated)	20 plates	10035S
Sabouraud Dextrose Agar	Slant tubes	10 x 9 ml tubes	30093
Sabouraud Dextrose Agar	Slant tubes	20 x 9 ml tubes	31093
Sabouraud Dextrose Agar	Bottles	6 x 500 ml bottles	470040
Sabouraud Dextrose Agar	Bottles	6 x 200 ml bottles	412280
Sabouraud Dextrose Agar	Bottles	6 x 100 ml bottles	402280
Sabouraud Dextrose Agar	Dehydrated medium	500 g of powder	610103
Sabouraud Dextrose Agar	Dehydrated medium	100 g of powder	620103
Sabouraud Dextrose Agar	Dehydrated medium	5 kg of powder	6101035

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult Instruction For Use	Do not reuse

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CE IVD

Instructions For Use
ENGLISH

Selenite Broth

Liquid medium for selective enrichment of *Salmonella* spp, from clinical and nonclinical samples, according to APHA.

DESCRIPTION

Selenite Broth is an enrichment medium used for the selective isolation of *Salmonella* and some species of *Shigella*.

This medium is prepared according to the original formula described as Selenite F Broth by Leifson and recommended by the American Public Health Association for the examination of food.

TYPICAL FORMULA

	(g/l)
Enzymatic Digest of Casein	5.0
Lactose	4.0
Sodium Phosphate	10.0
Sodium Selenite	4.0

Final pH 7.0 ± 0.2 at 25°C

METHOD PRINCIPLE

Enzymatic digest of casein provides amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Lactose is the fermentable carbohydrate. Sodium phosphate is the buffer. Sodium selenite is the selective agent inhibiting many species of Gram-positive and Gram-negative bacteria including enterococci and coliforms.

PREPARATION

Dehydrated medium: Suspend 23 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Dispense into suitable containers (bottles or tubes). A depth of at least 5 cm is recommended, as salmonellae survive better at low oxygen tensions. DO NOT AUTOCLAVE.

TEST PROCEDURE

Inoculate the tube with 1-2 g of stool specimen or other solid material (approximately 10-15% by volume) and emulsify in the broth. For urines, the broth should be used at double concentration and inoculated with its own volume of the specimen. Incubate at 35 ± 2°C for 12-24 hours (coliforms may overgrow the pathogens if incubated for longer than 24 hours).

INTERPRETING RESULTS

Turbidity indicates microbial growth.

Subculture to a selective and differential enteric plated medium, such as XLD Agar (ref. 10056), Hektoen Enteric Agar (ref. 10043) or MacConkey Agar (ref. 10029), streaking for isolation. Examine for typical colony morphology. Confirm with further biochemical tests.

APPEARANCE

Dehydrated medium: free-flowing, homogeneous, white to light beige.
Prepared medium: clear, very pale yellow.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles and tubes at 2-8°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in tubes/bottles: 1 year.

QUALITY CONTROL

The medium is inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: ≤100 CFU.
Inoculum for selectivity: >10^3 CFU.
Incubation conditions: aerobically at 35 ± 2°C for 18-24 hours.

QC Table.

Microorganism		Growth
Salmonella Typhimurium	ATCC® 14028	Good
Shigella sonnei	ATCC® 25931	Good
Escherichia coli	ATCC® 25922	Partially to completely inhibited

WARNING AND PRECAUTIONS

The product contains hazardous substances and is classified as dangerous. It is recommended to consult the safety data sheet for its correct use. The product is intended for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. Versalovic, J., K.C. Carroll, G. Funke, J.H. Jorgensen, M.L. Landry, and D.W. Warnock (2011) Manual of Clinical Microbiology. 10th ed. ASM Press, Washington, D.C.
2. Quality Control for Commercially Prepared Microbiological Media (2004) - 3rd ed. M22-A3. Clinical and Laboratory Standards Institute - CLSI (NCCLS), Wayne, PA.
3. Vanderzant, C., and D.F. Splittstoesser (eds.). Compendium of methods for the microbiological examination of foods, 3rd ed. American Public Health Association, Washington, D.C.
4. Leifson, E. (1939) New selenite selective enrichment medium for the isolation of typhoid and paratyphoid bacilli. Am. J. Hyg. 24:423-432.

PRESENTATION		Contents	Ref.
Selenite Broth	Tubes	20 x 10 ml tubes	24110
Selenite Broth	Tubes	20 x 5 ml tubes	24143
Selenite Broth	Bottles	6 x 100 ml bottles	402050
Selenite Broth	Bottles	6 x 200 ml bottles	412050
Selenite Broth (Double Concentration)	Bottles	6 x 200 ml bottles	432050
Selenite Broth	Bottles	6 x 500 ml bottles	470020
Selenite Broth	Bottles	6 x 1000 ml bottles	463130
Selenite Broth	Dehydrated medium	500 g of powder	610145
Selenite Broth	Dehydrated medium	100 g of powder	620145
Selenite Broth	Dehydrated medium	5 kg of powder	6101455

TABLE OF SYMBOLS

LOT Batch code	IVD *In vitro* Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care
REF Catalogue number	Temperature limitation	Contains sufficient for <n> tests	Caution, consult Instruction For Use	Do not reuse

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CE IVD

Bile Aesculin Azide Agar

Selective medium for detection and enumeration of enterococci in water and other materials, according to ISO 7899-2.

TYPICAL FORMULA

	(g/l)
Tryptone	17.0
Peptone	3.0
Yeast Extract	5.0
Ox-bile	10.0
Sodium Chloride	5.0
Aesculin	1.0
Ferric Ammonium Citrate	0.5
Sodium Azide	0.15
Agar	15.0

Final pH 7.1 ± 0.1 at 25°C

DESCRIPTION

Bile Aesculin Azide Agar is a selective medium used for isolating and enumerating enterococci from environmental samples of sanitary importance and clinical specimens.

This medium complies with ISO 7899-2 for rapid confirmation of typical colonies on the primary isolation Slanetz Bartley Agar.

PRINCIPLE

Tryptone and peptone provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Yeast extract is a source of vitamins, particularly of B-group. Ox-bile inhibits the growth of numerous accompanying bacteria. Sodium chloride maintains the osmotic balance of the medium. The glycoside aesculin is hydrolyzed from enterococci to aesculetin and glucose. The aesculetin reacts with iron ions forming a dark brown or black complex. Sodium azide suppress the growth of Gram-negative bacteria. Agar is the solidifying agent.

PREPARATION

Suspend 56.7 g of powder in 1 liter of deionized or distilled water. Bring to boil and shake until completely dissolved. Mix well. Sterilize in autoclave at 121°C for 15 minutes. Cool up to 45-50°C. Pour in Petri dishes.

TECHNIQUE

ISO 7899-2 recommends to filter the water sample trough a filter membrane (0.45 µm pore diameter), transfer the membrane onto a Slanetz Bartley Agar plate (ref. 163462) and incubate aerobically at 36 ± 2°C for 40-48 h.
Confirm red-maroon-pink colonies by transferring the membrane and the colonies onto a plate of Aesculin Azide Bile Agar which as been preheated to 44°C. Incubate at 44 ± 0.5°C for 2 h.

Alternatively, sample can be inoculated by spread plating, pour plating or by direct streaking on the medium surface. Incubate at 35 ± 2°C for 18-24 h.

INTERPRETATION OF RESULTS

Enterococci typically produce colonies showing a tan-black color in the surrounding medium.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until sings of deterioration or contamination are evident. Store prepared plates at 2-8°C away from light.

WARNING AND PRECAUTIONS

The product contains hazardous substances and is classified as dangerous. It is recommended to consult the safety data sheet for its correct use. The product is designed for *in vitro* diagnostic use only and must be used by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to the national and local regulations in force.

REFERENCES

- ISO 7899-2:2000. Water quality – Detection and enumeration of intestinal enterococci – Part 2: Membrane filtration method.
- Facklam R.R. and M. Moody (1970) Presumptive identification of group D streptococci: the bile-aesculin test. App. Microbiol. 20:245-250.
- Isenberg H.D. and D. Goldber (1970) Laboratory studies with a selective Enterococcus medium. Appl. Microbiol.20:433-436
- Slanetz L.W. and C.H. Bartley (1957) Numbers of enterococci in water, sewage and faeces determined by the membrane filtration technique with an improved medium. J. Bact. 74:591-595.

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CE IVD

PRODUCT SPECIFICATIONS

NAME
Bile Aesculin Azide Agar

PRESENTATION
Dehydrated medium

STORAGE
10-30°C

PACKAGING

Ref.	Content	Packaging
610001	500 g	500 g of powder in plastic bottle
620001	100 g	100 g of powder in plastic bottle
6100015	5 Kg	5 kg of powder in plastic bottle

pH OF THE MEDIUM
7.1 ± 0.1

USE
Bile Aesculin Azide Agar is a selective medium used for confirmation and enumeration of enterococci from water and other samples according to ISO 7899-2

TECHNIQUE
Refer to technical sheet of the product

APPEARANCE OF THE MEDIUM
Powder medium
Appearance: free-flowing, homogeneous
Colour: beige
Ready-to-use medium
Appearance: slightly opalescent
Colour: dark amber to olive green

SHELFLIFE
4 years

QUALITY CONTROL
1. Control of general characteristics, label and print
2. Microbiological control
   Inoculum for productivity: 50-100 CFU
   Inoculum for selectivity: 10^4-10^6 CFU
   Incubation Conditions: 18-24 h at 35 ± 2°C, in aerobiosis

Microorganism		Growth	Specification
Enterococcus faecalis	ATCC® 19433	Good	Blackening
Enterococcus faecium	ATCC® 19434	Good	Blackening
Escherichia coli	ATCC® 25922	Inhibited	—
Streptococcus pyogenes	ATCC® 19615	Inhibited	—

TABLE OF SYMBOLS

LOT	Batch code	IVD	*In vitro* Diagnostic Medical Device		Manufacturer		Use by		Fragile, handle with care
REF	Catalogue number		Temperature limitation	Σ	Contains sufficient for <n> tests		Caution, consult instructions for use		Do not reuse

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CE IVD

Instructions For Use
ENGLISH

MacConkey Agar

Selective and differential medium for detection of Enterobacteriaceae from clinical samples and other materials, according to USP/EP/JP.

DESCRIPTION

MacConkey Agar is a slightly selective medium giving excellent differentiation between lactose-fermenting and lactose-nonfermenting Gram-negative enteric bacilli, from faeces, urine, foodstuffs, waste water and other materials of sanitary importance.

This medium is prepared according to recommendations of the harmonized USP/EP/JP method for the detection of *E. coli* in non sterile pharmaceutical products.

TYPICAL FORMULA	(g/l)
Pancreatic Digest of Gelatin	17.0
Peptone from Meat	1.5
Peptone from Casein	1.5
Lactose	10.0
Sodium Chloride	5.0
Bile Salts	1.5
Agar	15.0*
Neutral Red	0.03
Crystal Violet	0.001
Final pH 7.1 ± 0.2 at 25°C	

* Adjusted according to gel strength to meet performance specifications.

METHOD PRINCIPLE

Pancreatic digest of gelatin and peptones from meat and casein provide amino acids, nitrogen, carbon, vitamins and minerals for organisms growth. Lactose is the fermentable carbohydrate. Sodium Chloride maintains the osmotic balance of the medium. Bile salts and crystal violet are the selective agents, inhibiting Gram-positive organisms and allowing Gram-negative bacteria to grow. Agar is the solidifying agent. Neutral red is the pH indicator.

PREPARATION

Dehydrated medium: Suspend 51.5 g of the powder in 1 liter of distilled or deionized water. Mix well. Heat to boil for 1 minute shaking frequently until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes.

Medium in bottles: Melt the content of the bottle in a water bath at 100°C (loosing the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, if it is the case turning the bottle upside down. Cool at 45-50°C, mix well avoiding foam formation and aseptically distribute into Petri dishes.

TEST PROCEDURE

Inoculate the plates by directly streaking the specimen on the agar surface or spread the sample from an enrichment culture. Incubate aerobically at 35 ± 2°C for 18-24 h

To isolate *E. coli* in pharmaceutical products, the Harmonized USP/EP/JP method recommends to carry out a two steps enrichment procedure by inoculating the sample in Tryptic Soy Broth (ref. 452080) and afterwards in MacConkey Broth (ref. 494000). Subculture on a plate of MacConley Agar and incubate aerobically at 30-35°C for 18-72 hours.

INTERPRETING RESULTS

Lactose-nonfermenting organisms, such as *Salmonella*, *Shigella* and *Proteus* spp, form colorless or clear colonies.

Lactose-fermenting organisms, such as *E. coli* and *Klebsiella* spp, grow as pink to red colonies with or without a zone of precipitated bile.

Enterococci, Staphylococci and other Gram-positive bacteria are partially or completely inhibited.

APPEARANCE OF THE MEDIUM

Dehydrated medium: free-flowing, homogeneous, beige-pink.
Prepared medium: slightly opalescent, pinkish-red.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store bottles and prepared plates at 10-25°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

Dehydrated medium: 4 years.
Medium in bottles: 2 years.
Ready-to-use plates: 6 months.

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QUALITY CONTROL

Plates are inoculated with the microbial strains indicated in the QC table.
Inoculum for productivity: 50-100 CFU.
Inoculum for selectivity: 10^4-10^6 CFU.
Incubation conditions: aerobically at 35 ± 2°C for 18-24 hours.
18-72 h at 30-35°C for *E. coli* (Pharmacopoeia growth promotion).

QC Table.

Microorganism		Growth	Specification
Salmonella Typhimurium	ATCC® 14028	Good	Colorless colonies
Shigella flexneri	ATCC® 12022	Good	Colorless colonies
Proteus mirabilis	ATCC® 12453	Good	Colorless colonies
Escherichia coli	ATCC® 8739	Good	Pink colonies with bile ppt
Klebsiella pneumoniae	ATCC® 13883	Good	Pink colonies
Enterococcus faecalis	ATCC® 29212	Partially to completely inhibited	Very small, opaque colonies
Staphylococcus aureus	ATCC® 25923	Inhibited	---

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *in vitro* diagnostic use only and must be used by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

1. European Pharmacopoeia 6.5 (2009). 2.6.13 Microbiological examination of non-sterile products: Test for specified microorganisms.
2. United States Pharmacopoeia 32 NF 27 (2009). <62> Microbiological examination of non-sterile products: Test for specified microorganisms.
3. Japanese Pharmacopoeia 4.05 (2008). Microbiological examination of non-sterile products: Test for specified microorganisms.
4. Murray, Baron, Jorgensen, Landry and Pfaller ed. (2007) Manual of clinical microbiology, 9th ed. American Society for Microbiology, Washington, D.C.
5. MacConkey A. (1905) Lactose-fermenting bacteria in faeces. J. Hygiene 8:333-379.

PRESENTATION		Contents	Ref.
MacConkey Agar	90 mm ready-to-use plates	20 plates	10029
MacConkey Agar	90 mm ready-to-use plates	100 plates	10029*
MacConkey Agar	Bottles	6 x 500 ml bottles	470090
MacConkey Agar	Bottles	6 x 200 ml bottles	412240
MacConkey Agar	Bottles	6 x 100 ml bottles	402240
MacConkey Agar	Dehydrated medium	500 g of powder	610028
MacConkey Agar	Dehydrated medium	100 g of powder	620028
MacConkey Agar	Dehydrated medium	5 kg of powder	6100285

TABLE OF SYMBOLS

LOT	Batch code	IVD	*In vitro* Medical Diagnostic Device		Manufacturer		Use by
	Fragile, handle with care	REF	Catalogue number		Temperature limitation	Σ	Contains sufficient for <n> tests
	Caution, consult Instruction For Use		Do not reuse				

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CE IVD

ENGLISH

Urea/Indole Test

Rapid test for detection of urease and indole production.

DESCRIPTION

Urea/Indole Test is used for the rapid qualitative determination of urease activity and indole production as a first-step in screening non-lactose fermenting colonies from agar plates.

KIT CONTENTS

Each kit contains:

- 30 tubes with dessicated biochemical substrate
- 1 tube of Kovac's Reagent
- 1 instruction sheet

PRINCIPLE OF THE METHOD

Enteric pathogens such as Salmonellae and Shigellae are urease negative whilst organisms such as *Proteus, Morganella, Klebsiella* spp and some species of *Citrobacter* are strongly urease positive. The production of indole from tryptophan is a characteristic absent in *Salmonella* but present in *E. coli, Morganella* and some species of *Klebsiella, Aerobacter* and *Citrobacter.*

COMPOSITION

Dessicated substrata consist of peptones rich in tryptophan, urea, buffering agents and phenol red as pH indicator.

PROCEDURE FOR USE

1. Take the number of Urea/Indole Test tubes needed from the fridge and allow them to reach room temperature.
2. Add 0.3 mL of Physiological Solution (ref. 20095) to each tube.
3. Inoculate heavily with the test organism from a fresh overnight culture.
4. Add 2 drops of Vaseline Oil (ref. 80278)
5. Incubate at 35 ± 2°C for 1-4 hours and up to 24 h.
6. Add 2-3 drops of Kovac's Reagent to perform the Indole Test.

INTERPRETATION OF THE RESULTS

A positive result for the Urease Test is indicated by a colour change from yellow to red-fuchsia.
A positive result for the Indole Test is indicated by the development of a red ring.

If the organism is urease negative and indole negative it is possibly Salmonella. Further tests are required for confirmation.

QUALITY CONTROL

Control strains		Urease	Indole
Escherichia coli	ATCC® 25922	Negative	Positive
Proteus mirabilis	ATCC® 25933	Positive	Negative
Salmonella Thyphimurium	ATCC® 14028	Negative	Negative

PRECAUTIONS

Urea/Indole Test is not classifiable as hazardous under current legislation; However it is recommended that the Safety Data Sheet be consulted on its use. The product is intended for *in vitro* diagnostic use only and must be used by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents.

STORAGE

2-8°C in its original packaging. Keep away from sources of heat and avoid excessive changes of temperature. Use until the expiry date indicated on the label. Eliminate without using if there are signs of deterioration.

REFERENCES

- Blazevic D.J. and Ederer, G.M.(1975) Principles of biochemical tests in diagnostic microbiology. 63-67. New York, John Wiley & Sons.
- Isemberg H.D. and Sundheim L.H.(1980) Indole reactions in bacteria. J. Bacteriol. 75:682-690. Baltimore, Williams & Wilkins.
- MacFaddin J.F. (1980) Biochemical tests for identification for medicalbacteria. 2nd ed. 173-183. Baltimore, Williams & Wilkins.

PRESENTATION

Product	Ref.	Contents
Urea/Indole Test	88024	30 tests

TABLE OF SYMBOLS

IVD	*In Vitro* Diagnostic Medical Device		Do not reuse		Manufacturer		Contains sufficient for <n> tests		Temperature limitation
REF	Catalogue number		Fragile, handle with care		Use by		Caution, consult accompanying documents	LOT	Batch code

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CE IVD Rev.1 / 26.06.2015

ITALIANO

Urea/Indole Test

Test rapido per la ricerca di ureasi e produzione di indolo.

DESCRIZIONE

Urea/Indole Test è utilizzato per la determinazione veloce e qualitativa dell'attività ureasica e della produzione di indolo come primo step nello screening di colonie non fermentanti il lattosio da piastre agar.

CONTENUTO DELLE CONFEZIONI

Ciascuna confezione contiene:

- 10 provette con substrati biochimici essiccati
- 1 provetta di Kovac's Reagent
- 1 foglio istruzioni

PRINCIPIO DEL METODO

I patogeni enterici come ad esempio Salmonellae e Shigellae sono ureasi negativi mentre i microrganismi come *Proteus, Morganella, Klebsiella* spp ed alcune specie di *Citrobacter* sono fortemente ureasi positivi. La produzione di indolo dal triptofano è una caratteristica assente nella *Salmonella* ma presente in *E. coli, Morganella* ed alcune specie di *Klebsiella, Aerobacter* e *Citrobacter.*

COMPOSIZIONE

I substrati essiccati consistono di peptoni ricchi in triptofano, urea, agenti tampone e rosso fenolo come indicatore di pH.

PROCEDURA DI UTILIZZO

1. Prelevare dal frigorifero il numero necessario di provette di Urea/Indole Test ed aspettare che raggiungano la temperatura ambiente.
2. Aggiungere 0.3 mL di Physiological Solution (ref. 20095) in ciascuna provetta.
3. Inoculare con il microrganismo da esaminare proveniente da una coltura recente incubata over night.
4. Aggiungere 2 gocce di Vaseline Oil (ref. 80278)
5. Incubare a 35 ± 2°C per 1-4 ore, fino ad un massimo di 24 ore.
6. Aggiungere 2-3 gocce di Kovac's Reagent per eseguire il Test Indolo.

INTERPRETAZIONE DEI RISULTATI

Un risultato positivo per il Test Ureasi è indicato da un viraggio di colore da giallo a rosso-fucsia.
Un risultato positivo per il Test Indolo è indicato dallo sviluppo di un anello rosso.

Se il microrganismo è ureasi negativo ed indolo negativo potrebbe trattarsi di Salmonella. Ulteriori test sono necessari per la conferma.

CONTROLLO QUALITÀ

Ceppi di controllo		Ureasi	Indolo
Escherichia coli	ATCC® 25922	Negativo	Positivo
Proteus mirabilis	ATCC® 25933	Positivo	Negativo
Salmonella Thyphimurium	ATCC® 14028	Negativo	Negativo

PRECAUZIONI

Urea/Indole Test non è classificabile come pericoloso ai sensi della legislazione vigente; per il suo impiego si consiglia comunque di consultare la scheda di sicurezza. Il prodotto è destinato esclusivamente ad uso diagnostico *in vitro* è deve essere usato in laboratorio da operatori adeguatamente addestrati, con metodi approvati di asepsi e di sicurezza nei confronti degli agenti patogeni.

CONSERVAZIONE

Conservare a 2-8°C nella sua confezione originale. Tenere lontano da fonti di calore ed evitare eccessivi cambiamenti di temperatura. Utilizzare entro la data di scadenza indicata in etichetta. Eliminare se vi sono segni di deterioramento.

BIBLIOGRAFIA

- Blazevic D.J. and Ederer, G.M.(1975) Principles of biochemical tests in diagnostic microbiology. 63-67. New York, John Wiley & Sons.
- Isemberg H.D. and Sundheim L.H.(1980) Indole reactions in bacteria. J. Bacteriol. 75:682-690. Baltimore, Williams & Wilkins.
- MacFaddin J.F. (1980) Biochemical tests for identification for medicalbacteria. 2nd ed. 173-183. Baltimore, Williams & Wilkins.

PRESENTAZIONE

Prodotto	Ref.	Contenuto
Urea/Indole Test	88024	30 test

TABELLA DEI SIMBOLI

IVD	*In Vitro* Diagnostic Medical Device		Do not reuse		Manufacturer		Contains sufficient for <n> tests		Temperature limitation
REF	Catalogue number		Fragile, handle with care		Use by		Caution, consult accompanying documents	LOT	Batch code

LIOFILCHEM® S.r.l.
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CE IVD Rev.1 / 26.06.2015

ENGLISH

Optochine Test

Diagnostic discs for pneumococci identification.

DESCRIPTION
Optochine Test is constituted by paper discs, each one containing 5 µg of Optochin (Ethylhydrocupreine hydrochloride), used for differentiating *Streptococcus pneumoniae* from the other alpha-haemolytic streptococci.

CONTENT OF THE PACKAGES
Each package contains:
- 2 cartridges with 50 discs each, packaged in a heat-sealed container.
- Dryer.

PRINCIPLE OF THE METHOD
Optochin is an agent specifically active against *Streptococcus pneumoniae,* the other alpha-haemolytic streptococci are resistant. The disc is placed onto the surface of a culture medium that is suitable for the growth of streptococci, inoculated with a pure liquid culture of the microorganism under examination. After the incubation all the plates are examined for the presence or absence of an inhibition halo around the disc of Optochin.

COMPOSITION
Each disc contains 5 µg of Optochin.

PREPARATION OF THE SPECIMEN
1. Mixed cultures or clinical specimens must not be used to determine susceptibility to Optochin.
2. Inoculate a tube of Brain Heart Infusion Broth (ref. 20104) with pure colonies of the microorganism under examination.
3. Incubate at 36 ± 1°C overnight.

TEST PROCEDURE
1. Take the cartriges container from the refrigerator and leave it on the test bench until it reaches room temperature (about 30 minutes). This will prevent humidity being deposited on the discs when the package is opened, which could prejudice their long-term stability.
2. Using a sterile swab, evenly inoculate the surface of a plate of blood agar such as Tryptic Soy Blood Agar (ref. 11037), Columbia Blood Agar (ref. 11025) or other blood medium, with the suspension of the streptococcus under examination.
3. Using sterile tools, gently press one disc of Optochin on the inoculated surface.
4. Turn the plate upside down and incubate at 36 ± 1°C for 18-24 hours in atmosphere containing 5% of CO_2.
5. Check for presence or absence of an inhibition halo around the disc of Optochin.

INTERPRETATION OF THE RESULTS
The test organism is considered sensitive to Optochin and presumptively *Streptococcus pneumoniae* if the inhibition zone is ≥ 14 mm diameter. The presumptive identification must be confirmed by serological tests.

QUALITY CONTROL
Each batch of Optochine Test is tested for susceptibility to Optochin by using *Streptococcus pneumoniae* ATCC® 6305 for positive control, and *Streptococcus pyogenes* ATCC® 19615 for negative control, inoculated on Columbia Blood Agar with 5% of defibrinated sheep blood.

PRECAUTIONS
Optochine Test cannot be classified as being hazardous according to the current legislation. Optochine Test is a disposable device to be used only for diagnostic use *in vitro*. It must be used in the laboratory by properly trained personnel, using approved aseptic and safety methods for handling pathogenic agents.

STORAGE
Store Optochine Test at -20°C/+8°C in the original packaging. Keep away from sources of heat and avoid excessive changes in temperature. In such conditions, the product will remain valid until the expiry date indicated on the label. Do not use beyond that date. Eliminate without using if there are signs of deterioration.

DISPOSAL OF USED MATERIAL
After use, Optochine Test and material that has come into contact with the sample must be decontaminated and disposed of in accordance with the techniques used in the laboratory for decontamination and disposal of potentially infected material.

BIBLIOGRAPHY

- https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/394193/TP_25i3.pdf
- J. Lab. Clin. Med., 49: 641, 1957.
- J. Clin. Path., 8: 58, 1955.
- Serological Studies on Pneumococci, Munksgaard, Copenhagen, Oxford University Press, London, 1943.
- J. Exp. Med. 22: 269, 1915.

PRESENTATION

Product	Ref.	Test
Optochine Test	9501	100

TABLE OF SYMBOLS

IVD	*In Vitro* Diagnostic Medical Device		Do not reuse
REF	Catalogue number		Fragile,handle with care
	Manufacturer	Σ	Contains sufficient for <n> tests
	Use by		Caution, consult accompanying documents
	Temperature limitation	LOT	Batch code

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CE IVD

F00010

Instructions For Use
ENGLISH

Oxidase Test Stick

Rapid test for detection of cytochrome oxidase enzymatic activity.

DESCRIPTION

Oxidase Test Stick is a diagnostic test used for differentiation and microbial identification, particularly of Gram-negative bacteria, on the basis of the presence of enzyme cytochrome oxidase.

The product matches with recommendations of EN ISO 16266 and ISO 9308-1 for detection of *Pseudomonas aeruginosa* and for confirmation of *Escherichia coli* and coliform bacteria, respectively.

CONTENTS OF THE PACKAGES

Each package contains 50 Oxidase Test Stick.

METHOD PRINCIPLE

Oxidase-positive bacteria produces the enzyme cytochrome oxidase (indophenol oxidase) that catalyzes the transport of electrons from donor compounds (NADH) to electron acceptors (usually oxygen).

Tetramethyl-p-phenylenediamine dihydrochloride contained in Oxidase Test Stick acts as an artificial electron donor and is oxidized by oxidase-positive bacteria forming the coloured compound indophenol blue.

COMPOSITION

Oxidase Test Stick is made of a special paper with a zone impregnated with a solution of N,N,N´,N´-tetramethyl-p-phenylenediamine dihydrochloride.

TEST PROCEDURE

1. Allow container to come to room temperature before opening, for minimizing condensation on the stick.
2. Pick up one or more than one well isolated colony and wipe off by the zone of the stick indicated by arrows. Alternatively, transfer a drop of the suspension of the test organism to the reaction zone of the stick or dip directly the point of the stick into the microbial suspension.
3. Examine for an immediate color change (within 60 seconds) at the position of the inoculated area (NB. The usage of very dilute microbial suspensions may result in longer reactions time)

INTERPRETING RESULTS

The development of a blue-purple color indicates a positive reaction. No color change corresponds to a negative test, i.e. the organism under investigation does not produce the enzyme cytochrome oxidase.

LIMITATIONS

The most suitable cultures for the oxidase test are those from culture media without dyes, indicators or inhibitors. Bacterial colonies taken from media with pH values below 5.5 (e.g. after the metabolism of carbohydrates with subsequent acidification of the culture medium) can give a false negative oxidase reaction. Colonies taken from media containing nitrate may give unreliable results. Do not use steel, nichrome or iron containing loops to pick the colony. A platinum or plastic loop, or wooden applicator stick is recommended.

STORAGE

Store at 2-8°C away from light. Do not use the product beyond its expiry date on the label or if product shows any evidence of contamination or any sign of deterioration.

SHELF LIFE

2 years.

QUALITY CONTROL

Control strains are indicated in the QC table.

QC Table.

Microorganism		Oxidase reaction
Escherichia coli	WDCM 00013	Negative, no color change
Pseudomonas aeruginosa	WDCM 00025	Positive, deep blue-purple coloration

WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is intended for *in vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

BIBLIOGRAPHY

- ISO 9308-1:2014, Water quality – Enumeration of *Escherichia coli* and coliform bacteria – Part 1: Membrane filtration method for waters with low bacterial background flora.
- EN ISO 16266:2008, Water quality – Detection and Enumeration of *Pseudomonas aeruginosa* – Method by membrane filtration (ISO 16266:2006).
- Steel K. J. (1962) J. Appl. Bact. 25:445-447.

PRESENTATION	Contents	Ref.
Oxidase Test Stick	50 sticks	88029

TABLE OF SYMBOLS

LOT	Batch code	IVD	*In vitro* Diagnostic Medical Device		Manufacturer		Use by		Fragile, handle with care
REF	Catalogue number		Temperature limitation	Σ	Contains sufficient for <n> tests		Caution, consult Instruction For Use		Do not reuse

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CE IVD

ITALIANO

Bacitracin Test

DESCRIZIONE
Bacitracin Test sono dischi di carta, impregnati con 0,04 unità di Bacitracina, utilizzati per la differenziazione degli streptococchi del Gruppo A di Lancefield dagli altri streptococchi beta emolitici appartenenti a Gruppi diversi.

CONTENUTO DELLE CONFEZIONI
Ciascuna confezione contiene 2 cartucce con 50 dischi ciascuna, confezionate in un contenitore termosaldato, in presenza di un essiccatore e un foglio istruzioni.

PRINCIPIO DEL METODO
La Bacitracina, antibiotico polipeptidico, è attiva nei confronti degli streptococchi beta emolitici di Gruppo A. Gli streptocchi di Gruppo C e G sono meno sensibili e quelli di Gruppo B sono resistenti. Il disco viene applicato sulla superficie di un terreno di coltura, idoneo per la crescita degli streptococchi, inoculato con una brodocoltura allestita con colonie pure del microrganismo in esame. Dopo l'incubazione, vengono esaminate le piastre e verificata la presenza o l'assenza di un alone di inibizione intorno al disco di Bacitracina.

COMPOSIZIONE
Ciascun disco è impregnato con 0,04 UI di Bacitracina.

PROCEDURA DEL TEST
1. Prelevare il contenitore delle cartucce dal frigorifero e lasciarlo sul banco di lavoro fino al raggiungimento della temperatura ambiente (circa 30 minuti). In tal modo si evita che all'apertura della confezione si depositi umidità di condensa sui dischi, pregiudicandone la stabilità nel tempo.
2. Inoculare uniformemente la superficie di una piastra di agar-sangue quali Tryptic Soy Blood Agar, Columbia Blood Agar o altro terreno al sangue, con una coltura dello streptococco beta-emolitico da saggiare. Bacitracin Test può essere effettuato anche inoculando il materiale clinico in esame, come per esempio l'essudato rino-faringeo prelevato con un tampone, su una piastra di agar-sangue.
3. Depositare il disco di Bacitracina sulla superficie inoculata.
4. Incubare 18-24 ore a 36 ± 1 °C.
5. Verificare la presenza o l'assenza di un alone di inibizione intorno al disco di Bacitracina.

INTERPRETAZIONE DEI RISULTATI
Semina del ceppo precedentemente isolato
La presenza di un alone di inibizione di 10-18 mm, intorno al disco di Bacitracina, indica che lo streptococco è presumibilmente di Gruppo A. Altri streptococchi beta emolitici, non di Gruppo A, crescono fino ai bordi del disco.
I risultati del test della Bacitracina vanno confermati con l'identificazione sierologia di Gruppo.
Semina del materiale clinico
La presenza di un alone di inibizione intorno al disco di Bacitracina, se confermati dai dati della morfologia delle colonie e dell'emolisi, depongono a favore della presenza di Streptococchi di Gruppo A, da confermare mediante l'identificazione sierologica di Gruppo.

CONTROLLO QUALITA'
Ogni lotto di Bacitracin Test viene sottoposto al test di sensibilità alla Bacitracina, utilizzando una coltura di *Streptococcus pyogenes* ATCC® 19615 per il controllo positivo e di *Streptococcus agalactiae* ATCC® 13813 per il controllo negativo, seminati su Columbia Blood Agar con 5% di sangue defibrinato di montone.

PRECAUZIONI
Il prodotto Bacitracin Test non è classificabile come pericoloso ai sensi della legislazione vigente, ma rientra nello specifico campo di applicazione della normativa relativa all'obbligo di fornitura di scheda di sicurezza, perché può causare fenomeni di allergia in soggetti sensibili, in caso di contatto con la pelle. Bacitracin Test è un dispositivo monouso, da usare solo per uso diagnostico *in vitro*, è destinato ad un ambito professionale e deve essere usato in laboratorio da operatori adeguatamente addestrati, con metodi approvati di asepsi e di sicurezza nei confronti degli agenti patogeni.

CONSERVAZIONE
Conservare Bacitracin Test a 2-8°C nella sua confezione originale. Non conservare vicino a fonti di calore ed evitare eccessive variazioni di temperatura. In queste condizioni Bacitracin Test è valido fino alla data di scadenza indicata in etichetta. Non utilizzare oltre questa data. Eliminare se vi sono segni di deterioramento quali tracce di umidità.

ELIMINAZIONE DEL MATERIALE USATO
Dopo l'utilizzazione Bacitracin Test ed il materiale venuto a contatto con il campione devono essere decontaminati e smaltiti in accordo con le tecniche in uso in laboratorio per la decontaminazione e lo smaltimento di materiale potenzialmente infetto.

BIBLIOGRAFIA

- K.L. Ruoff, R.A. Whiley and D.Beighton.1999. *Streptococcus* . In P.R. Murray, E.J.Baron, M.A. Pfaller, F.C. Tenover, R.H.Yolken (ed) *Manual of Clinical Microbiology 7th* ed. American Society for Microbiology, Washington, D.C.
- W.R. Maxted. 1953 *The use of bacitracin for identifyng Group A haemolytic Streptococci.*J.Clin.Path.6 (3),224-226.

PRESENTAZIONE

Prodotto	REF	Σ
Bacitracin Test	9502	100

TABELLA DEI SIMBOLI

IVD	Dispositivo medico diagnostico *in vitro*		Non riutilizzare
REF	Numero di catalogo		Fragile, maneggiare con cura
	Fabbricante	Σ	Contenuto sufficiente per <n> saggi
	Utilizzare entro		Attenzione, vedere le istruzioni per l'uso
	Limiti di temperatura	LOT	Codice del lotto

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CE IVD

F13113
Rev.2 / 12.11.2015

ITALIANO

GRAM COLOR KIT

DESCRIZIONE
GRAM COLOR KIT è un kit per per la colorazione dei microrganismi, che ne permette la differenziazione in due categorie: Gram-positivi (Gram+) che si colorano in blu e Gram-negativi (Gram-), che si colorano in rosso. Tale colorazione costituisce, insieme con l'osservazione diretta della morfologia cellulare, il primo livello di classificazione tassonomica dei procarioti.

CONTENUTO DELLE CONFEZIONI
I reagenti sono contenuti in flaconi di plastica, chiusi in termoinduzione e forniti di tappo gocciolatoio. Ciascuna confezione contiene:
- 1 flacone contenente 250 ml di Soluzione Cristal Violetto
- 1 flacone contenente 250 ml di Soluzione Lugol-PVP
- 1 flacone contenente 250 ml di Soluzione Decolorante
- 1 flacone contenente 250 ml di Soluzione Safranina

PRINCIPIO DEL METODO
La colorazione di Gram è basata sulla proprietà che ha il Cristal Violetto di combinarsi con lo Iodio, formando composti non decolorabili con l'alcool o con la miscela alcool-acetone. Alcuni batteri hanno una speciale affinità per questa reazione e, una volta colorati con il cristal violetto, non perdono il colore, se trattati con l'alcool o con la miscela alcool-acetone, restando colorati in blu (batteri Gram-positivi). Altri perdono il colore blu e si colorano con la Safranina assumendo una colorazione rossa (batteri Gram-negativi).

RACCOLTA DEI CAMPIONI
I campioni da sottoporre alla colorazione di Gram sono costituiti principalmente da materiale clinico e da colture microbiche.
Le colonie da sottoporre alla colorazione di Gram devono essere prelevate da colture giovani (18-24 ore) preferibilmente da terreni agarizzati.

PROCEDURA DEL TEST
Preparazione e fissazione
Utilizzando vetrini puliti, eseguire uno striscio della coltura o del materiale patologico. Lasciare essiccare all'aria e fissare al calore con passaggi rapidi sulla fiamma. Eseguire la fissazione del campione evitando un eccesso di riscaldamento. Si possono adottare anche altri metodi di fissazione.
Colorazione
1. Ricoprire il vetrino con la Soluzione Cristal Violetto. Attendere 1 minuto, quindi lavare delicatamente con acqua.
2. Ricoprire il vetrino con la Soluzione Lugol-PVP. Attendere 1 minuto, quindi lavare delicatamente con acqua.
3. Decolorare con la Soluzione Decolorante finchè il preparato libera colorante (circa 30-60 secondi), quindi lavare delicatamente con acqua.
4. Ricoprire il vetrino con la Soluzione Safranina. Attendere 30-60 secondi, quindi lavare delicatamente con acqua.
5. Asciugare.
6. Osservare il preparato al microscopio con obiettivo per immersione.

INTERPRETAZIONE DEI RISULTATI
I microrganismi Gram-negativi appaiono di colore rosso.
I microrganismi Gram-positivi appaiono di colore blu.
La colorazione di Gram permette di differenziare:
- I bacilli Gram-negativi da quelli Gram-positivi;
- I cocchi Gram-negativi da quelli Gram-positivi;
- I coccobacilli Gram-negativi da quelli Gram-positivi;I diplococchi Gram-negativi da quelli Gram-positivi.

CONTROLLO QUALITÀ
Ogni lotto di GRAM COLOR KIT viene sottoposto al controllo di qualità utilizzando una coltura di *Escherichia coli* ATCC 25922 per il controllo dei batteri Gram-negativi (colore rosso) ed una coltura di *Staphylococcus aureus* ATCC 25923 per il controllo dei batteri Gram-positivi (colore blu).

LIMITI
- La colorazione di Gram fornisce una preliminare identificazione ma non sostituisce i normali studi colturali del campione.
- Terapie antibiotiche possono rendere i batteri gram-positivi più sensibili alla decolorazione ed apparire di colore rosa-rosso invece di blu.
- Le cellule prelevate da colture giovani di 18-24 ore hanno una maggiore affinità per i coloranti rispetto alle cellule prelevate da colture vecchie.
- La colorazione di Gram viene alterata dalla distruzione fisica della parete cellulare o del protoplasma; infatti la parete cellulare dei batteri Gram-positivi interpone una barriera che impedisce il rilascio del complesso Cristal Violetto-Iodio dal citoplasma e la parete cellulare dei batteri Gram-negativi contiene lipidi solubili in solventi organici che permettono la decolorazione del citoplasma. Pertanto i microrganismi distrutti fisicamente da un eccesso di calore non reagiscono alla colorazione di Gram come atteso.

PRECAUZIONI
La confezione di GRAM COLOR KIT contiene sostanze classificate come pericolose ai sensi della legislazione vigente; per il suo impiego si consiglia di consultare la scheda di sicurezza.
GRAM COLOR KIT è un kit per la colorazione batterica, da usare solo per uso diagnostico *in vitro*, è destinato ad un ambito professionale e deve essere usato in laboratorio da operatori adeguatamente addestrati, con metodi approvati di asepsi e di sicurezza nei confronti degli agenti patogeni.

CONSERVAZIONE
Conservare GRAM COLOR KIT a 10-25°C nella sua confezione originale. Non conservare vicino a fonti di calore ed evitare eccessive variazioni di temperatura. In queste condizioni il prodotto GRAM COLOR KIT è valido fino alla data di scadenza indicata in etichetta. Non utilizzare oltre questa data. Eliminare se vi sono segni di deterioramento (cambiamenti di colore delle soluzioni o presenza di precipitati grossolani).

ELIMINAZIONE DEL MATERIALE USATO
Dopo l'utilizzazione, i vetrini colorati con il GRAM COLOR KIT ed il materiale venuto a contatto con il campione devono essere decontaminati e smaltiti in accordo con le tecniche in uso in laboratorio per la decontaminazione e lo smaltimento di materiale potenzialmente infetto.

BIBLIOGRAFIA

- Kruczak-Filipov, P., and R.G. Shively.1992. Gram stain procedure, p.1.5.1-1.5.18. In H.D. Isenberg (ed.) Clinical Microbiology Procedures Handbook, vol. 1. American Society for Microbiology, Washington, D.C.
- Murray, P.R. (ed.) 1999. Manual of Clinical Microbiology, 7th ed. American Society of Microbiology, Washington, D.C.

PRESENTAZIONE

Prodotto	Ref	Contenuto
GRAM COLOR KIT	80293	4 x 250 ml

TABELLA DEI SIMBOLI

IVD	Dispositivo medico diagnostico *in vitro*		Non riutilizzare
	Fabbricante	Σ	Contenuto sufficiente per <n> saggi
REF	Numero di catalogo		Fragile, maneggiare con cura
	Utilizzare entro		Attenzione, vedere le istruzioni per l'uso
	Limiti di temperatura	LOT	Codice del lotto

Liofilchem®
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Web site: http://www.liofilchem.net E-mail: liofilchem@liofilchem.net

F00411
Rev.3 / 09.05.2017

Certificate

mdc medical device certification GmbH
certifies that

sifin

sifin diagnostics gmbh
Berliner Allee 317-321
13088 Berlin
Germany

for the scope

development, manufacturing and distribution of
in vitro diagnostic medical devices for the product groups:
blood grouping, bacteriological test reagents and culture media as well as
manufacturing of raw materials for manufacturing of
in vitro diagnostic medical devices

has introduced and applies a

Quality Management System

The mdc audit has proven that this quality management system
meets all requirements of the following standard

EN ISO 13485

Medical devices – Quality management systems –
Requirements for regulatory purposes

EN ISO 13485:2016 + AC:2016 - ISO 13485:2016

Valid from	2018-10-23
Valid until	2021-10-22
Registration no.	D1058700042
Report no.	P18-00745-121758
Stuttgart	2018-07-16

Head of Certification Body

medical device certification mdc

DAkkS Deutsche Akkreditierungsstelle D-ZM-16002-06-00

mdc medical device certification GmbH
Kriegerstraße 6
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Fax: +49-(0)711-253597-10
Internet: http://www.mdc-ce.de

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EG-Konformitätserklärung
CE-Declaration de Conformité / EC-Declaration of Conformity
CE
Nr./No. 145

Wir / Nous / We

sifin diagnostics gmbh,
Berliner Allee 317-321, 13088 Berlin, Germany

erklären in eigener Verantwortung, dass
déclarons sous notre propre responsabilité que / declare on our own responsibility that

das Medizinprodukt (IVD):
le dispositif médical (IVD):
the medical device (IVD):

Anti-Salmonella OMA
Anti-Salmonella OMB
Anti-Salmonella OMC
Anti-Salmonella OMD
Anti-Salmonella OME
Anti-Salmonella OMF
Anti-Salmonella OMG

Sonstiges Produkt
Other device/Autre dispositif

allen Anforderungen der Richtlinie 98/79/EG entspricht.
remplit toutes les exigences de la Directive 98/79/EG qui le concernait.
meets all the provisions of the Directive 98/79/EG which apply to it.

Angewandte harmonisierte Normen:
Normes harmonisés appliqués:
Applied harmonized standards:

DIN EN ISO 18113, DIN EN 13641,
DIN EN 13640, DIN EN 13612, DIN EN ISO 14971,
DIN EN ISO 13485

Konformitätsbewertungsverfahren:
Procèdure d'évaluation de la conformità:
Conformity assessment procedure:

Anhang III
Annexe III
Annex III

Gültig bis:
Valable jusqu'au:
Valid until:

2016-12

Berlin, 10.04.2014

Dr. H.-J. Rüger
Sicherheitsbeauftragter für Medizinprodukte
Agent de sécurité /Safety Officer

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EG-Konformitätserklärung
CE-Declaration de Conformité / EC-Declaration of Conformity
CE
Nr./No. 111

Wir / Nous / We

sifin diagnostics gmbh,
Berliner Allee 317-321, 13088 Berlin, Germany

erklären in eigener Verantwortung, dass
déclarons sous notre propre responsabilité que / declare on our own responsibility that

das Medizinprodukt (IVD):
le dispositif médical (IVD):
the medical device (IVD):

Anti-Shigella dysenteriae type 1
Anti-Shigella dysenteriae type 2
Anti-Shigella flexneri type 1
Anti-Shigella flexneri type 2
Anti-Shigella flexneri type 3
Anti-Shigella flexneri type 4
Anti-Shigella flexneri type 5
Anti-Shigella flexneri type 6
Anti-Shigella flexneri group 3,4 (y)
Anti-Shigella flexneri group 6
Anti-Shigella flexneri group 7,8 (x)
Anti-Shigella sonnei S-form (phase I)
Anti-Shigella sonnei F-form (phase II)
Anti-Shigella sonnei S- and F-form (phase I and II)

Sonstiges Produkt
Other device/Autre dispositif

allen Anforderungen der Richtlinie 98/79/EG entspricht.
remplit toutes les exigences de la Directive 98/79/EG qui le concernait.
meets all the provisions of the Directive 98/79/EG which apply to it.

Angewandte harmonisierte Normen:
Normes harmonisés appliqués:
Applied harmonized standards:

DIN EN ISO 13485:2016, DIN EN 13612:2002,
DIN EN 13641:2002, DIN EN ISO 14971:2013,
DIN EN ISO 15223-1:2017, DIN EN ISO 18113-1:2013,
DIN EN ISO 18113-2:2013, DIN EN ISO 23640:2015

Konformitätsbewertungsverfahren:
Procédure d'évaluation de la conformità:
Conformity assessment procedure:

Anhang III
Annexe III
Annex III

Gültig bis:
Valable jusqu'au:
Valid until:

2021-10-22

Berlin, 31.10.2018

Dr. T. Schwarz

Sicherheitsbeauftragter für Medizinprodukte
Agent de sécurité /Safety Officer

sifin diagnostics gmbh • Berliner Allee 317-321 • 13088 Berlin • Germany
Phone +49-30-92 70 30-0 • Fax +49-30-92 70 30-30 • info@sifin.de • www.sifin.de

ITALCERT

CERTIFICATO N° 505SGQ03

CERTIFICATE N° 505SGQ03

Si certifica che il
this is to certify that

Sistema di Gestione per la Qualità

Quality Management System

messo in atto da
implemented by

NUOVA APTACA S.r.l.

Via Monte Bianco, 4 – IT 20900 MONZA (MB)

nella Sede Operativa di
Operative Unit

Regione Monforte, 30 – IT 14053 CANELLI (AT)

è conforme alla norma
is in compliance with the standard

UNI EN ISO 9001-2015 (ISO 9001-2015)

per i seguenti Processi
concerning the following kinds of Processes

Gestione della fabbricazione ed immissione in commercio di tamponi sterili per il prelievo di campioni biologici in orifizi naturali e in ambito chirurgico. Progettazione e fabbricazione di dispositivi medico diagnostici per laboratori di analisi. Commercializzazione di dispositivi medici e diagnostici in vitro. Commercializzazione di articoli da laboratorio

Management of the manufacturing and placing on the market of sterile tampons for sampling of biological specimens in natural orifice and in surgical field. Design and manufacturing of diagnostic medical devices for laboratories of analysis. Marketing of medical and diagnostic devices in vitro. Marketing of laboratory articles.

Il presente Certificato è soggetto al rispetto delle condizioni stabilite dai Regolamenti per la certificazione in vigore applicabili.
This Certificate shall satisfy the requirements established in the Rules for the certification in force applicable.
In caso di discordanza tra le lingue utilizzate nella traduzione del contenuto del presente certificato, fare riferimento alla lingua italiana
In cases of discrepancy between the languages used in the translation of the content of this certificate, please refer to the Italian language

L'AMMINISTRATORE DELEGATO
MANAGING DIRECTOR

Dr. Ing. Roberto Cusolito

Data di Prima Emissione *First Issue Date*	Data di Prima Emissione ITALCERT *First Issue Date ITALCERT*	Data di Rinnovo *Renewal Date*	Data di Scadenza *Expiration Date*
1998-07-23	2011-10-30	2017-10-30	2020-10-29

Settore IAF 14 - 29

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

SGQ N° 023A PRD N° 122B
SGA N° 020D PSF N° 075E
PRS N° 097C
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

ITALCERT S.r.l. | Viale Sarca, 336 – 20126 Milano (MI) | tel. +39 0266104876 | fax. +39 0266101479 | www.italcert.it | italcertsrl@legalmail.it

CISQ is a member of IQNet
THE INTERNATIONAL CERTIFICATION NETWORK
www.iqnet-certification.com

IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

ICIM

CERTIFICATO n. **4264/4/C**
CERTIFICATE No.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

KIMA S.R.L.

UNITÀ OPERATIVE / *OPERATIVE UNITS*

Via Leonardo Da Vinci, 22 - Zona Industriale Tognana - 35028 Piove di Sacco (PD)
Italia

È CONFORME ALLA NORMA / *IS IN COMPLIANCE WITH THE STANDARD*

UNI EN ISO 9001:2015

Sistema di Gestione per la Qualità / *Quality Management System*

PER LE SEGUENTI ATTIVITÀ / *FOR THE FOLLOWING ACTIVITIES*

EA: 29

Commercializzazione di prodotti del Gruppo: kit diagnostici, terreni di coltura per microbiologia, articoli in plastica per laboratorio analisi, provette con vuoto predeterminato e aghi sterili.

Trading of the products of the Group: diagnostic kits, culture media for microbiology, plastic disposable labware, test tubes with predetermined vacuum and sterile needles.

Riferirsi alla documentazione del Sistema di Gestione per la Qualità aziendale per l'applicabilità dei requisiti della norma di riferimento.
Refer to the documentation of the Quality Management System for details of application to reference standard requirements.

Il presente certificato è soggetto al rispetto del documento ICIM "Regolamento per la certificazione dei sistemi di gestione" e al relativo Schema specifico.
The use and the validity of this certificate shall satisfy the requirements of the ICIM document "Rules for the certification of company management systems" and specific Scheme.

Per informazioni puntuali e aggiornate circa eventuali variazioni intervenute nello stato della certificazione di cui al presente certificato, si prega di contattare il n° telefonico +39 02 725341 o indirizzo e-mail info@icim.it.
For timely and updated information about any changes in the certification status referred to in this certificate, please contact the number +39 02 725341 or email address info@icim.it.

Data emissione / *First issue*	Emissione corrente / *Current issue*	Data di scadenza / *Expiring date*
18/01/2007	18/01/2019	17/01/2022

ICIM S.p.A.
Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)
www.icim.it

SOCIETATEA CU RASPUNDERE LIMITATA * CHIŞINĂU * "GBG-MLD" S.R.L. * REPUBLICA MOLDOVA * IDNO 1003600117582 * Nr. 4

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
SGQ N° 004 A
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

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www.cisq.com
CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale.
CISQ is the Italian Federation of management system Certification Bodies.

CISQ is a member of

IQNet
THE INTERNATIONAL CERTIFICATION NETWORK
www.iqnet-certification.com

IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

ICIM

CERTIFICATO n. / *CERTIFICATE No.* **4265/4/C**

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

KIMA S.R.L.

UNITÀ OPERATIVE / *OPERATIVE UNITS*

Via Leonardo Da Vinci, 22 - Zona Industriale Tognana - 35028 Piove di Sacco (PD)
Italia

È CONFORME ALLA NORMA / *IS IN COMPLIANCE WITH THE STANDARD*

UNI CEI EN ISO 13485:2016

Sistema di Gestione per la Qualità / *Quality Management System*

PER LE SEGUENTI ATTIVITÀ / *FOR THE FOLLOWING ACTIVITIES*

EA: 29

Commercializzazione di prodotti del Gruppo: kit diagnostici, terreni di coltura per microbiologia, articoli in plastica per laboratorio analisi, provette con vuoto predeterminato e aghi sterili.

Trading of the products of the Group: diagnostic kits, culture media for microbiology, plastic disposable labware, test tubes with predetermined vacuum and sterile needles.

Riferirsi alla documentazione del Sistema di Gestione per la Qualità aziendale per l'applicabilità dei requisiti della norma di riferimento.
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ICIM S.p.A.
Piazza Don Enrico Mapelli, 75 – 20099 Sesto San Giovanni (MI)
www.icim.it

SOCIETATEA CU RĂSPUNDERE LIMITATĂ * S.R.L. * IDNO 1003600... * REPUBLICA MOLDOVA, MUN. CHIȘINĂU

FEDERAZIONE CISQ
www.cisq.com

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CISQ is the Italian Federation of management system Certification Bodies.

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

SGQ N° 004 A

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

0860CM_02_IT

ООО "МиниМед", 241520, Российская Федерация, Брянская область, Брянский район, с. Супонево, ул. Шоссейная, 17 А

Тел. (4832) 92-97-97, 92-24-52, -53, -55, -56, -57, -58, -60, -61, -62
Многоканальный номер - 8-800-100-48-32
Факс (4832) 92-24-54, 92-24-59, 92-24-61

ИНН 3234007127 www.minimed.ru e-mail: info@minimed.ru

Регистрационное удостоверение № ФСР 2009/05559 от 04.12.2015 г.

Паспорт

Набор реагентов «Масло иммерсионное» по ТУ 9398-011-29508133-2009

Серия	31-19	Дата изготовления	22.10.2019

1. Назначение

Используется для апохроматических и ахроматических объективов микроскопов всех видов, кроме люминесцентных, предназначенных для работы в видимой области спектра.

2. Технические требования

Наименование показатели	Характеристика и норма по ТУ	Результаты анализа
Внешний вид	Прозрачная бесцветная жидкость со слабым желтоватым оттенком	*соответствует*
Вязкость кинематическая при температуре 20°С, мм²/с	От 220	*1317*
Показатель преломления при температуре 20°С	От 1,5150 до 1,5180	*1,5155*
Коэффициент пропускания масла, %	Не менее 70	*440 нм – 98,2* *540 нм – 100,0*

Иммерсионное масло легко удаляется с поверхности препарата, фронтальной линзы и оправы объектива; инертно к окрашенным и неокрашенным препаратам.

Упаковка – флакон-капельница вместимостью 100,0 мл обеспечивает аккуратное и экономичное нанесение масла на препарат.

Срок годности – 1,5 года с даты изготовления.

3. Транспортирование и хранение

Транспортирование должно проводиться всеми видами крытого транспорта в соответствии с правилами перевозки грузов, действующими на данном виде транспорта. Хранение - в упаковке предприятия-изготовителя в прохладном месте при относительной влажности воздуха не более 80% в местах, защищенных от воздействия прямых солнечных лучей, атмосферных осадков и агрессивных сред в течение всего срока годности.

4. Гарантии изготовителя

Изготовитель гарантирует соответствие качества набора реагентов «Масло иммерсионное» требованиям ТУ 9398-011-29508133-2009 при соблюдении потребителем условий транспортирования, хранения и применения в течение всего срока годности.

Начальник ПТО **Бабич В.А.**