

Roseto degli Abruzzi, 11 January 2020

Authorization Letter

To whom it may concern

We, **LIOFILCHEM S.R.L.**, manufacturer of diagnostics for microbiology, certified ISO 9001 and ISO 13485, located in Via Scozia, Zona Industriale, 64026 Roseto degli Abruzzi (TE) Italy

do hereby authorize the company

GBG-MLD SRL

65 Tighina Str. Office 607
MD-2001, Chisinau
Moldova

to distribute our following products in **Moldova** (below defined as "the Territory"):

The medical devices manufactured by Liofilchem comply with the European Union directive 98/79/EC for in-vitro diagnostic devices (IVD).

A Quality Agreement is attached to this letter as Annex 1.

This authorization is valid to 31.12.2022 and is not automatically renewed.

The cooperation between **GBG-MLD SRL** and **Liofilchem** can be terminated by either Party before 31.12.2022 through a 30 day written notice.

In faith,

Fabio Brocco
COO
Liofilchem

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 31.0 del 08.01.2016

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 31.0 of 08.01.2016

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, 08.01.2016

Direttore Tecnico/ Technical Director
Dott. Silvio Brocco



10002	DNA AGAR + BLU DI TOLUIDINA	10046	SERUM TELLURITE AGAR
10004	CLED ANDRADE AGAR	10047	BISMUTH SULFITE AGAR
10004*	CLED ANDRADE AGAR	10048	E.M.B. LEVINE AGAR
10005	MAC CONKEY SORBITOL AGAR	10048*	E.M.B. LEVINE AGAR
10005*	MAC CONKEY SORBITOL AGAR	10050	CAMPYLOBACTER AGAR (Sheep Blood 5%)
10006	TRYPTIC SOY AGAR + 0.6% YEAST EXTRACT	10050*	CAMPYLOBACTER AGAR (Sheep Blood 5%)
10007	BACILLUS CEREBUS AGAR (PEMBA)	10051	Legionella BGYE Agar
10007*	BACILLUS CEREBUS AGAR (PEMBA)	10051*	Legionella BGYE Agar
10011*	YEAST GLUCOSE CHLORAMPHENICOL AGAR	10052	YERSINIA SELECTIVE AGAR
10013	Difase TEST AGAR	10052*	YERSINIA SELECTIVE AGAR
10013*	Difase TEST AGAR	10053	WILKINS CHALGREEN AGAR
10014	Purple Lactose Agar	10053*	WILKINS CHALGREEN AGAR
10014*	Purple Lactose Agar	10054	WURTZ LACTOSE AGAR
10017	CZAPKE DOX AGAR	10054*	WURTZ LACTOSE AGAR
10018	DRIGAL SKY LACTOSE AGAR	10056	X.L.D. AGAR
10021	BIGGY (NICKERSON) AGAR	10056*	X.L.D. AGAR
10021*	BIGGY (NICKERSON) AGAR	10057	BILE AESCULIN AGAR
10022	BRIGHT GREEN AGAR	10057*	BILE AESCULIN AGAR
10022*	BRIGHT GREEN AGAR	10058S	TRYPTIC SOY AGAR Irradiated -30 mL-
10023	Chocolate Agar	10060	BRAIN HEART INFUSION AGAR
10023*	Chocolate Agar	10060*	BRAIN HEART INFUSION AGAR
10024	TRYPTOSE AGAR	10064	CHRISTENSEN UREA AGAR
10024*	TRYPTOSE AGAR	10065	SCHAEHLER KKV AGAR (Sheep Blood 5%)
10025	COLUMBIA AGAR (Horse Blood 5%)	10065*	SCHAEHLER KKV AGAR (Sheep Blood 5%)
10025*	COLUMBIA AGAR (Horse Blood 5%)	10067	SCHAEHLER KVN AGAR (Sheep Blood 5%)
10026	CLED AGAR	10069	X.L.T. 4 AGAR
10026*	CLED AGAR	10069*	X.L.T. 4 AGAR
10027	BACILLUS CEREBUS AGAR (Mossel)	10074S	TRYPTIC SOY AGAR-NEUTRALIZING Irradiated
10027*	BACILLUS CEREBUS AGAR (Mossel)	10078	MUELLER HINTON II MOD. AGAR
10028	ISOSENSITEST AGAR	10078*	MUELLER HINTON II MOD. AGAR
10028*	ISOSENSITEST AGAR	10079	CASSTONE AGAR
10029	MAC CONKEY AGAR	10079*	CASSTONE AGAR
10029*	MAC CONKEY AGAR	10080	HAEMOPHYLUS TEST AGAR
10030	MANNITOL SALT AGAR	10080*	HAEMOPHYLUS TEST AGAR
10030*	MANNITOL SALT AGAR	10082	HELOCABACTER PYLORI AGAR
10031	MUELLER HINTON II AGAR	10082*	HELOCABACTER PYLORI AGAR
10031*	MUELLER HINTON II AGAR	10090	M.R.S. Agar
10033	PSEUDOMONAS (CETRIMIDE) AGAR	10090*	M.R.S. Agar
10033*	PSEUDOMONAS (CETRIMIDE) AGAR	10095	BRAIN HEART AGAR FOR HAEMOPHILUS
10035	SABOURAUD AGAR	10129	MAC CONKEY AGAR MMG
10035*	SABOURAUD AGAR	10129*	MAC CONKEY AGAR MMG
10035S	SABOURAUD AGAR Irradiated	10131	Mueller Hinton II Agar (Sheep Blood 5%)
10035S*	SABOURAUD AGAR Irradiated	10131*	Mueller Hinton II Agar (Sheep Blood 5%)
10039	S.S. AGAR	10132	MUELLER HINTON FASTIDIOUS AGAR 90 mm
10039*	S.S. AGAR	10134	Legionella BMPA Agar
10037	TRYPTIC SOY AGAR	10141	SALMONELLA TEST AGAR
10037*	TRYPTIC SOY AGAR	10141*	SALMONELLA TEST AGAR
10037S	TRYPTIC SOY AGAR Irradiated	10142	BLOOD AGAR (Sheep Blood 7% (ISO 10560))
10039	ROGOSA AGAR	10142*	BLOOD AGAR (Sheep Blood 7% (ISO 10560))
10039*	ROGOSA AGAR	10143	Mueller Hinton Agar + 5% Horse Blood Lysed
10040	NEW YORK CITY AGAR	10145	CAMPYLOBACTER KARALI AGAR
10040*	NEW YORK CITY AGAR	10146	CAMPYLOBACTER PRESI ON AGAR
10041	LISTERIA PALCAM AGAR	10148	CAMPYLOBACTER AGAR (Sheep Blood 10%)
10041*	LISTERIA PALCAM AGAR	10075	LISTERIA PALCAM AGAR 140 mm
10042	CRYSTAL VIOLET AGAR (Sheep Blood 5%)	10231	MUELLER HINTON II AGAR 140 mm
10042*	CRYSTAL VIOLET AGAR (Sheep Blood 5%)	10233	R.P.M.L. AGAR
10043	HEKTOEN ENTERIC AGAR	10235	SABOURAUD CAF AGAR + GENTAMICIN
10043*	HEKTOEN ENTERIC AGAR	10235*	SABOURAUD CAF AGAR + GENTAMICIN
10044	NUTRIENT AGAR	10044*	CLED AGAR 140 mm
10044*	NUTRIENT AGAR		

10240	SCHAEHLER K AGAR (Sheep Blood 5%) 140mm	11057	ENTEROCOCCO AGAR
10241	SCHAEHLER KKV AGAR (Sheep Blood 5%) 140mm	11057*	ENTEROCOCCO AGAR
10242	SABOURAUD CAF AGAR 140 mm	11058	SIANETZ BARTLEY AGAR (ENTEROCOCCUS)
10243	SABOURAUD CAF AGAR + GENTAMICIN 140mm	11058*	SIANETZ BARTLEY AGAR (ENTEROCOCCUS)
10244	DERMATOPHYTE (D.T.M.) AGAR 140 mm	11060	CLOSTRIDIUM AGAR (Sheep Blood 5%)
10245	BRUCELLA BLOOD AGAR w/ HEMIN and VITAMIN K1	11060*	CLOSTRIDIUM AGAR (Sheep Blood 5%)
10246	Chromatic™ MH	11065	SCHAEHLER K AGAR (Sheep Blood 5%)
10247	Brucella Blood Agar with Hemin and Vitamin K1	11065*	SCHAEHLER K AGAR (Sheep Blood 5%)
10249	Purple Lactose Agar 140 mm	11070	MYCOSEL AGAR
10334	NEOMYCIN BLOOD AGAR (Sheep Blood 5%)	11070*	MYCOSEL AGAR
10335	MUELLER HINTON CHOCOLATE AGAR	11132	MUELLER HINTON FASTIDIOUS AGAR (140mm)
10335*	MUELLER HINTON CHOCOLATE AGAR	11124	COLUMBIA CNA MOD. AGAR (Sheep blood 5%)
10353	BORDET GENGOU AGAR (Sheep Blood 15%)	11124*	COLUMBIA CNA MOD. AGAR (Sheep blood 5%)
10353*	BORDET GENGOU AGAR (Sheep Blood 15%)	11135	SABOURAUD AGAR MODIFIED
10405	SCHAEHLER CNA AGAR (Sheep Blood 5%)	11135*	SABOURAUD AGAR MODIFIED
10407	VANCOMYCIN SCREEN AGAR	11143	HERELLEA AGAR
10408	WILKINS CHALGREEN AGAR +5% SHEEP BLOOD	11143*	HERELLEA AGAR
10409	CAMPYLOBACTER CCDA AGAR	11185	VOGEL JOHNSON AGAR
10410	MUELLER HINTON AGAR w/ VITALEX	11185*	VOGEL JOHNSON AGAR
10411	BK E.ESCULIN AZIDE AGAR w/VANCOMYCIN	11195	T.C.B.S. AGAR
10412	Legionella BGYE Agar w/ Cysteine	11195*	T.C.B.S. AGAR
10413	XLD Agar EP USP JP Formulation	11196	SPS AGAR
10416	MIDDLEBROOK 7H11 AGAR	11196*	SPS AGAR
10424	Legionella BGYE Agar w/ Vancomycin + Colistin	11200	PAR TEST AGAR
10425	SCEDOSPORUM SELECTIVE AGAR	11200*	PAR TEST AGAR
10438	MacConkey Agar No.2	11205	MYCOPLASMA AGAR
10438*	MacConkey Agar No.2	11206	Mueller Hinton II Agar + 2% NaCl
10439	Group A Selective Sheep Agar w/ 5% Sheep Blood	11231	Mueller Hinton II Agar (Sheep Blood 5%) 140mm
10598	CHROMATIC™ MRSA	11235	SABOURAUD CAF AGAR + TTC
10600	OXACILLIN RESISTANCE STAPHYLOCOCCUS AGAR	11235*	SABOURAUD CAF AGAR + TTC
10601	CHOCOLATE AGAR w/ VITOX	11236	Sabouraud CAF Agar + Acetablene
10602	CAMPYLOBACTER SKIRROW AGAR	11250	TINSDALE AGAR
10605	HELOCABACTER PYLORI EGGS YOLK EMULSION AGAR	11250*	TINSDALE AGAR
10620	OALISTERIA	11335	SABOURAUD AGAR + GENTAMICIN
11023	CHOCOLATE BACTRACIN AGAR	11335*	SABOURAUD AGAR + GENTAMICIN
11023*	CHOCOLATE BACTRACIN AGAR	11501	ENTEROCOCCUS AGAR + VANCOMYCIN
11024	COLUMBIA CNA AGAR (Sheep Blood 5%)	11506	BURKHOLDERIA CEPACIA SELECTIVE AGAR
11024*	COLUMBIA CNA AGAR (Sheep Blood 5%)	11509	R.P.M.L. AGAR
11025	COLUMBIA AGAR (Sheep Blood 5%)	11510	M.HINTON-GLUCOSE-METHYLEN BLUE
11025*	COLUMBIA AGAR (Sheep Blood 5%)	11511	NEISSERIA-MORAXELLA MEDIUM
11027	DESOXYSCHOLATE AGAR	11512	NUTRIENT AGAR acc.to ISO 21528
11027*	DESOXYSCHOLATE AGAR	11513	NUTRIENT AGAR acc.to ISO 6579
11030	ANEROBIC AGAR	11517	COLUMBIA AGAR (Sheep Blood 5%) + VANCOMYCIN
11033	PSEUDOMONAS ISOLATION AGAR	11518	Mueller Hinton Agar + Cloxacilin
11033*	PSEUDOMONAS ISOLATION AGAR	11610	Chromatic™ E gel 0157
11035	SABOURAUD CAF AGAR	11611	CHROMATIC™ DETECTION
11035S	SABOURAUD CAF AGAR Irradiated	11612	CHROMATIC™ CANDIDA
11037	TRYPTIC SOY AGAR (Sheep Blood 5%)	11614	CHROMATIC™ SALMONELLA
11037*	TRYPTIC SOY AGAR (Sheep Blood 5%)	11616	CHROMATIC™ STAPH AUREUS
11038	TRYPTIC SOY AGAR (Horse Blood 5%)	11617	CHROMATIC™ STREPTO B
11038*	TRYPTIC SOY AGAR (Horse Blood 5%)	11619	CHROMATIC™ CRE
11040	THAYER MARTIN AGAR	11621	CHROMATIC™ VRE
11040*	THAYER MARTIN AGAR	11622	CHROMATIC™ ESBL
11041	AZIDE AGAR (Sheep Blood 5%)	11627	Chromatic™ Enterococcus
11041*	AZIDE AGAR (Sheep Blood 5%)	11629	CHROMATIC™ ESBL + AmpC
11052	DERMATOPHYTE (D.T.M.) AGAR	11632*	CHROMATIC™ ESBL + AmpC
11052*	DERMATOPHYTE (D.T.M.) AGAR	11631	Chromatic™ OXA-48
11054	GARDNERELLA AGAR (Sheep Blood 5%)	11632	Chromatic™ Clostridium difficile
11054*	GARDNERELLA AGAR (Sheep Blood 5%)	11634	Chromatic™ Detection osaque

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

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12031	MUELLER HINTON II AGAR (120x120 mm)	18500	BAIRD PARKER / MAC CONKEY
12032	Mueller Hinton II Agar (Sheep Blood 5%) (120 mm x 120 mm)	18500*	BAIRD PARKER / MAC CONKEY
12033	Mueller Hinton II Agar (Horse Blood 5%) (120 mm x 120 mm)	18502	CLED / MAC CONKEY
13012	CLED/MACCONKEY TSA BLOOD AGAR	18503	HEKTOEN ENTERIC / SS
13012*	CLED/MACCONKEY TSA BLOOD AGAR	18503*	HEKTOEN ENTERIC / SS
13013	BAIRD PARKER/BIGGY/MACCONKEY	18505	MAC CONKEY / S.S. AGAR
13013*	BAIRD PARKER/BIGGY/MACCONKEY	18505*	MAC CONKEY / S.S. AGAR
13014	COLUMBIA CNA/MACCONKEY	18507	COLUMBIA CNA / CHOCOLATE
13014*	COLUMBIA CNA/MACCONKEY	18507*	COLUMBIA CNA / CHOCOLATE
13017	CLED/MACCONKEY M/MG/MALTO	18595	D.T.M. / SABOURAUD
13017*	CLED/MACCONKEY M/MG/MALTO	18595*	D.T.M. / SABOURAUD
13018	BROM CRESOL PURPLE/COLUMBIA CNA/MACCONKEY	18700	Group A Selective TSA II + Sheep Blood 5%
13018*	BROM CRESOL PURPLE/COLUMBIA CNA/MACCONKEY	18703	CHOCOLATE AGAR / THAYER MARTIN
13019	CLED/MACCONKEY VICTERIMIDE	20075	MAC CONKEY BROTH (7.5 MIC2) 20x5ml
13019*	CLED/MACCONKEY VICTERIMIDE	20077	PHYSIOLOGICAL SOLUTION 2.5 ml
13020	MAC CONKEY B PARKER/TSA BLOOD	20079	PHYSIOLOGICAL SOLUTION 4.5 ML
13345	GARDNERELLA V. / JROGOS/THAYER MARTIN	20081	INOCULUM SOLUTION 5 ML
13345*	GARDNERELLA V. / JROGOS/THAYER MARTIN	20089	SUSPENSION BROTH
13356	Gard V. / Chocolate / Thayer Martin	20090	HELICOBACTER PYLORI TEST
13371	BAIRD PARKER/MACCONKEY/SABOURAUD CAF	20095	PHYSIOLOGICAL SOLUTION
13371*	BAIRD PARKER/MACCONKEY/SABOURAUD CAF	20098	PEPTONE WATER
13480	MACCONKEY VOGEL JOHNSON/SABOURAUD	20105	GLUCOSE BROTH
13480*	MACCONKEY VOGEL JOHNSON/SABOURAUD	20121	INOCULUM BROTH 7 ML
13602	SABOURAUD CAF/BAIRD PARKER/BILE ESCULINE	20129	TRYPTIC SOY BROTH 15 ml
13602*	SABOURAUD CAF/BAIRD PARKER/BILE ESCULINE	20136	TRYPTONE WATER
13607	CHOC. BAC./COLUMBIA/MAC CONKEY	20140	PURPLE LACTOSE BROTH
13607*	CHOC. BAC./COLUMBIA/MAC CONKEY	20156	SUSPENSION MEDIUM 7 ML
13614	CLED/MACCONKEY/ENTEROCOCO	20158	MYCOPLASMA TRANSPORT BROTH
13614*	CLED/MACCONKEY/ENTEROCOCO	20159	TRICHOMONAS BROTH w/o CLORAMPHENICOL
165312	MYCOPLASMA AGAR	20171	Thioglycollate Medium w VLK1 & Hemin
18006	CHROMATIC™ STAPH AUREUS/ MRSA	20340	VAGITURE
18006*	CHROMATIC™ STAPH AUREUS/ MRSA	21104	TRYPTIC SOY BROTH
18008	TSA BLOOD/CROMAGAR ORIENTATION	21110	SELENITE BROTH
18008*	CHROMATIC™ Salmonella/Hektoen Enteric	21241	Fluid Thioglycollate Medium
18011	CHROMATIC™ DETECTION ESBL	22130	SCHAEGLER BROTH
18012	BRIGHT GREEN / SS AGAR	23001	F.B. FASTIDIOUS BROTH
18012*	BRIGHT GREEN / SS AGAR	23002	MUELLER HINTON BROTH w/HORSE BLOOD (11ml)
18015	BIGGY (NICKERSON) / MALT AGAR	23003	MUELLER HINTON BROTH
18015*	BIGGY (NICKERSON) / MALT AGAR	24070	MYCOSEL BROTH
18017	COLUMBIA CNA BLOOD/CHROMAGAR	24071	Cooked Meat Medium
18017*	COLUMBIA CNA BLOOD/CHROMAGAR	24091	HAEMOPHILUS TEST BROTH 20 PV
18018	MAC CONKEY / SABOURAUD CAF	24098	PEPTONE WATER 20PV
18020	EMB LEVINE / TSA BLOOD	24100	ALKALINE PEPTONE WATER 20PV
18020*	EMB LEVINE / TSA BLOOD	24103	NUTRIENT BROTH 20PV
18021	CHROMATIC™ CRE / Chromatic™ ESBL	24104	BRAIN HEART INFUSION BROTH 20PV
18021*	CHROMATIC™ CRE / Chromatic™ ESBL	20105	Glucose Broth
18022	TSA Blood/Columbia CNA	24107	MUELLER HINTON II BROTH 20 PV
18327	COLUMBIA CNA / MAC CONKEY	24108	MULLER KAUFFMANN BROTH 20PV
18327*	COLUMBIA CNA / MAC CONKEY	24109	SABOURAUD BROTH (Harm EP) 20PV
18379	GARDNERELLA V. / THAYER MARTIN	24110	SELENITE BROTH 20PV
18379*	GARDNERELLA V. / THAYER MARTIN	24111	TODD HEWITT BROTH 20PV
18380	MAC CONKEY / TSA BLOOD	24112	TRYPTONE BROTH 20PV
18390*	MAC CONKEY / TSA BLOOD	24115	TRICHOMONAS BROTH 20PV
18390	BAIRD PARKER / SABOURAUD CAF	24117	Purple Broth
18390*	BAIRD PARKER / SABOURAUD CAF	24119	GN HANA BROTH 20PV
18391	HEKTOEN ENTERIC / YERSINIA	24120	BILE AEscULIN BROTH 20PV
18391*	HEKTOEN ENTERIC / YERSINIA	24124	Fluid Thioglycollate Medium
18422	COLUMBIA CNA / GARDNERELLA	24125	SERUM BROTH 20PV
18422*	COLUMBIA CNA / GARDNERELLA	24127	Fluid Thioglycollate Medium + 1% Tween 80

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24128	TRYPTIC SOY BROTH + TWEEN 80 1% 20PV	24128	TRYPTIC SOY AGAR
24135	SALMONELLA DIFFERENTIAL BROTH 20PV	30082	NUTRIENT AGAR
24136	TRYPTONE WATER 20PV	30083	BRAIN HEART INFUSION AGAR
24137	MALONATE BROTH 20PV	30085	PHENYLALANINE AGAR
24139	LYSINE DECARBOXYLASE BROTH 20PV	30087	KLEGLER IRON AGAR
24141	BRAIN HEART INFUSION BROTH 2 ml 20PV	30088	KLEGLER IRON AGAR + NACI 2%
24142	PHYSIOLOGICAL SOLUTION 3ml 20PV	30090	Mueller Hinton II Agar
24144	TODD HEWITT w Gentam Nalidix acid 20PV	30091	BIGGY (NICKERSON) AGAR
24146	THIOGLYCOLLATE M w/o INDICATOR acc. USP 20PV	30093	SABOURAUD AGAR
24147	Thioglycollate Broth	30095	SSM MEDIUM
24147	MR-VP MEDIUM 20PV	30096	T.S.I. AGAR
24161	Sabouraud Dextrose Broth + CAF	30097	TrypTose Agar
24241	Fluid Thioglycollate Medium	30098	LYSINE IRON AGAR
24342	MOTILITY TEST MEDIUM 20PV	30099	Chocolate Agar
24345	O.F. Medium with Glucose	30116	LOEFFLER MEDIUM
24400	RAPPAPORT VASSILIADIS SOY (RSV) BROTH 20PV	30117	PERGOLA MEDIUM
24403	BIOTONE BROTH 20PV	30118	LOWENSTEIN JENSEN MEDIUM w/o GLYCEROL
24404	CAMPYLOBACTER BROTH 20PV	30121	Storebink Medium
24411	S.F. BROTH 20PV	30125	DORSET EGG MEDIUM
24412	STREPTOCOCCUS BROTH 20PV	30368	MIDDLEBROOK TH10 AGAR
24413	MOSSEL AND MARTIN w MANNITOL 20PV	31065	SPS Agar
24416	UREA BROTH 20PV	31075	Mueller Hinton II Agar
24417	Wilkins Chaignon Broth	31080	Mueller Hinton II Agar
24430	SCHAEGLER BROTH 20PV	31097	TrypTose Agar
24432	YERSINIA BROTH 20PV	31099	Chocolate Agar
24433	ELUGON BROTH 20PV	31121	Storebink Medium
24436	MIDDLEBROOK TH8 BROTH 20PV	33040	THAYER MARTIN AGAR
24446	PHENOL RED BROTH 20PV	33055	MYCOSEL AGAR
24450	Rapaport Broth w/o Soy	33060	SERUM TELLURITE AGAR
24451	Tetrathionate Broth	33066	ON P.G. AGAR
24459	CASO BROTH (Double Concentration) CE 20PV	33065	BILE AEscULIN AGAR
24461	RPW Broth	33086	DERMATHOPHYTE ID.T.M.J. AGAR
24462	RPW Broth (Double strength)	33118	L.U.T.M. MEDIUM
24513	TRYPTIC SOY BROTH (Harm EP)	33120	PETRAGNANI MEDIUM
24514	TRYPTIC SOY BROTH	34070	CAMPYLOBACTER AGAR
24516	UREA BROTH	34071	CYSTINE TRYPTIC AGAR (CTA)
28105	Glucose Broth	34075	Mueller Hinton II Agar
28124	Fluid Thioglycollate Medium 100 x 10 ml	34121	LOWENSTEIN JENSEN + RIFAMPICIN 15 µg/ml
28140	RAPPAPORT VASSILIADIS SOY (RSV) BROTH	34121/1	LOWENSTEIN JENSEN + RIFAMPICIN 5 µg/ml
28513	Tryptic Soy Broth	34121/2	LOWENSTEIN JENSEN + RIFAMPICIN 10 µg/ml
27001	GEA MEDIUM	34121/3	LOWENSTEIN JENSEN + RIFAMPICIN 25 µg/ml
27500	Triple Soy Broth	34121/4	LOWENSTEIN JENSEN + RIFAMPICIN 50 µg/ml
27501	Todd Hewitt Broth	34121/5	LOWENSTEIN JENSEN + RIFAMPICIN 40 µg/ml
27502	Brain Heart Infusion Broth	34121/6	LOWENSTEIN JENSEN + RIFAMPICIN 20 µg/ml
27503	Nutrient Broth	34122	LOWENSTEIN JENSEN + RIFAMPICIN 9 µg/ml
28009	CHECK-SET BROTH Imidized 20 Tests	34123	LOWENSTEIN JENSEN + ISONIAZID 0.1 µg/ml
30007	CAMPYLOBACTER SELECTIVE THIOGLYCOLLATE MEDIUM	34123/1	LOWENSTEIN JENSEN + ISONIAZID 0.2 µg/ml
30008	CLOSTRIDIUM AGAR (Sheep Blood 5%)	34123/2	LOWENSTEIN JENSEN + ISONIAZID 0.5 µg/ml
30009	HELICOBACTER PYLORI AGAR	34123/3	LOWENSTEIN JENSEN + ISONIAZID 5 µg/ml
30010	STREPTOCOCCAL KF + TTC AGAR	34123/4	LOWENSTEIN JENSEN + ISONIAZID 10 µg/ml
30011	SIMMONS CITRATE AGAR	34124/1	LOWENSTEIN JENSEN + PYRAZINAMIDE 5 µg/ml
30013	NITRATI AGAR	34124/2	LOWENSTEIN JENSEN + PYRAZINAMIDE 15 µg/ml
30014	MOSSEL AGAR	34124/3	LOWENSTEIN JENSEN + PYRAZINAMIDE 20 µg/ml
30022	T.C.B.S. AGAR	34124/4	LOWENSTEIN JENSEN + PYRAZINAMIDE 200 µg/ml
30023	SABOURAUD CAF AGAR	34125/1	LOWENSTEIN JENSEN + STREPTOMYCIN 4 µg/ml
30024	SABOURAUD CAF + ACTIDIONE AGAR	34125/2	LOWENSTEIN JENSEN + STREPTOMYCIN 10 µg/ml
30030	M.R.S. AGAR	34125/3	LOWENSTEIN JENSEN + STREPTOMYCIN 25 µg/ml
30080	BORDET GENGOU AGAR (Sheep Blood 15%)	34125/4	LOWENSTEIN JENSEN + STREPTOMYCIN 2 µg/ml
30081	CHRISTENSEN UREA AGAR	34125/5	LOWENSTEIN JENSEN + STREPTOMYCIN 50 µg/ml

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34126/1	LOWENSTEIN JENSEN + ETHAMBUTOL 2 µg/ml	35061	LOWENSTEIN JENSEN + KANAMYCIN 30µg/ml
34126/2	LOWENSTEIN JENSEN + ETHAMBUTOL 4 µg/ml	35070	LOWENSTEIN JENSEN + PAS 1 µg/ml
34126/3	LOWENSTEIN JENSEN + ETHAMBUTOL 5 µg/ml	35071	LOWENSTEIN JENSEN + PAS 0.5 µg/ml
34126/4	LOWENSTEIN JENSEN + ETHAMBUTOL 1 µg/ml	35080	LOWENSTEIN JENSEN + OFLOXACIN 2 µg/ml
34126/5	LOWENSTEIN JENSEN + ETHAMBUTOL 3 µg/ml	35081	LOWENSTEIN JENSEN + OFLOXACIN 10 µg/ml
34126/6	LOWENSTEIN JENSEN + ETHAMBUTOL 10 µg/ml	35082	LOWENSTEIN JENSEN + OFLOXACIN 40 µg/ml
34127	LOWENSTEIN JENSEN + AMIKACIN 5 µg/ml	35090	LOWENSTEIN JENSEN + CAPREOMYCIN 30 µg/ml
34127/1	LOWENSTEIN JENSEN + AMIKACIN 40 µg/ml	35091	LOWENSTEIN JENSEN + CAPREOMYCIN 20 µg/ml
34128/1	LOWENSTEIN JENSEN + OFLOXACIN 5 µg/ml	35147	LOWENSTEIN JENSEN + PNB 500 µg/ml
34128/2	LOWENSTEIN JENSEN + OFLOXACIN 10 µg/ml	35148	LOWENSTEIN JENSEN + TCH 2 µg/ml
34128/3	LOWENSTEIN JENSEN + OFLOXACIN 25 µg/ml	36001/1	UTM + STREPTOMYCIN 2 µg/ml
34128/4	LOWENSTEIN JENSEN + OFLOXACIN 2 µg/ml	36001/2	UTM + STREPTOMYCIN 4 µg/ml
34128/5	LOWENSTEIN JENSEN + OFLOXACIN 20 µg/ml	36001/3	UTM + STREPTOMYCIN 10 µg/ml
34129/1	LOWENSTEIN JENSEN + PAS 1 µg/ml	36001/4	UTM + STREPTOMYCIN 25 µg/ml
34129/2	LOWENSTEIN JENSEN + PAS 10 µg/ml	36001/5	UTM + STREPTOMYCIN 50 µg/ml
34129/3	LOWENSTEIN JENSEN + PAS 0.5 µg/ml	36002/1	UTM + ISONIAZID 0.1 µg/ml
34129/4	LOWENSTEIN JENSEN + PAS 0.1 µg/ml	36002/2	UTM + ISONIAZID 0.2 µg/ml
34130/1	LOWENSTEIN JENSEN + RIFABUTIN 10 µg/ml	36002/3	UTM + ISONIAZID 1 µg/ml
34130/2	LOWENSTEIN JENSEN + RIFABUTIN 30 µg/ml	36002/4	UTM + ISONIAZID 5 µg/ml
34130/3	LOWENSTEIN JENSEN + RIFABUTIN 50 µg/ml	36002/5	UTM + ISONIAZID 10 µg/ml
34131/1	LOWENSTEIN JENSEN + CLARITHROMICIN 4 µg/ml	36003/1	UTM + ETHAMBUTOL 1 µg/ml
34131/2	LOWENSTEIN JENSEN + CLARITHROMICIN 32 µg/ml	36003/2	UTM + ETHAMBUTOL 2 µg/ml
34132/1	LOWENSTEIN JENSEN + ETHIONAMIDE 10 µg/ml	36003/3	UTM + ETHAMBUTOL 3 µg/ml
34132/2	LOWENSTEIN JENSEN + ETHIONAMIDE 20 µg/ml	36003/4	UTM + ETHAMBUTOL 5 µg/ml
34132/3	LOWENSTEIN JENSEN + ETHIONAMIDE 30 µg/ml	36003/5	UTM + ETHAMBUTOL 10 µg/ml
34132/4	LOWENSTEIN JENSEN + ETHIONAMIDE 40 µg/ml	36004/1	UTM + RIFAMPICIN 5 µg/ml
34133/1	LOWENSTEIN JENSEN + NICOTINAMIDE 10 µg/ml	36004/2	UTM + RIFAMPICIN 10 µg/ml
34133/2	LOWENSTEIN JENSEN + NICOTINAMIDE 20 µg/ml	36004/3	UTM + RIFAMPICIN 20 µg/ml
34133/3	LOWENSTEIN JENSEN + NICOTINAMIDE 30 µg/ml	36004/4	UTM + RIFAMPICIN 40 µg/ml
34133/4	LOWENSTEIN JENSEN + NICOTINAMIDE 40 µg/ml	36004/5	UTM + RIFAMPICIN 50 µg/ml
34133/5	LOWENSTEIN JENSEN + PEFLOXACIN 2 µg/ml	36005/1	UTM + RIFABUTIN 10 µg/ml
34133/6	LOWENSTEIN JENSEN + CYCLOSERINE 30 µg/ml	36005/2	UTM + RIFABUTIN 20 µg/ml
34133/7	LOWENSTEIN JENSEN + CYCLOSERINE 10 µg/ml	36005/3	UTM + RIFABUTIN 30 µg/ml
34133/8	LOWENSTEIN JENSEN + CYCLOSERINE 50 µg/ml	36005/4	UTM + RIFABUTIN 40 µg/ml
34133/9	LOWENSTEIN JENSEN + CAPREOMYCIN 10 µg/ml	36005/5	UTM + RIFABUTIN 50 µg/ml
34133/10	LOWENSTEIN JENSEN + CAPREOMYCIN 20 µg/ml	36006/1	UTM + CYCLOSERINE 10 µg/ml
34133/11	LOWENSTEIN JENSEN + CAPREOMYCIN 30 µg/ml	36006/2	UTM + CYCLOSERINE 20 µg/ml
34133/12	LOWENSTEIN JENSEN + CLOFAZIMINE 5 µg/ml	36006/3	UTM + CYCLOSERINE 30 µg/ml
34133/13	LOWENSTEIN JENSEN + CLOFAZIMINE 10 µg/ml	36006/4	UTM + CYCLOSERINE 40 µg/ml
34133/14	LOWENSTEIN JENSEN + KANAMYCIN 10 µg/ml	36006/5	UTM + CYCLOSERINE 50 µg/ml
34133/15	LOWENSTEIN JENSEN + KANAMYCIN 20 µg/ml	36007/1	UTM + OFLOXACIN 1.25 µg/ml
34133/16	LOWENSTEIN JENSEN + KANAMYCIN 30 µg/ml	36007/2	UTM + OFLOXACIN 2.5 µg/ml
34133/17	LOWENSTEIN JENSEN + KANAMYCIN 40 µg/ml	36007/3	UTM + OFLOXACIN 10 µg/ml
34133/18	LOWENSTEIN JENSEN + KANAMYCIN 50 µg/ml	36007/4	UTM + OFLOXACIN 25 µg/ml
34133/19	LOWENSTEIN JENSEN + KANAMYCIN 60 µg/ml	36007/5	UTM + OFLOXACIN 50 µg/ml
34133/20	LOWENSTEIN JENSEN + PYRUVATE 0.2%	36008/1	UTM + PAS 0.1 µg/ml
34133/21	LOWENSTEIN JENSEN + PYRUVATE 0.5%	36008/2	UTM + PAS 0.5 µg/ml
34133/22	LOWENSTEIN JENSEN + PYRUVATE 1%	36008/3	UTM + PAS 1 µg/ml
34133/23	LOWENSTEIN JENSEN + PYRUVATE 2%	36008/4	UTM + PAS 5 µg/ml
34133/24	LOWENSTEIN JENSEN + PYRUVATE 5%	36008/5	UTM + PAS 10 µg/ml
34133/25	LOWENSTEIN JENSEN + PYRUVATE 10%	36009/1	UTM + PYRAZINAMIDE 10 µg/ml
34133/26	LOWENSTEIN JENSEN + PYRUVATE 20%	36009/2	UTM + PYRAZINAMIDE 30 µg/ml
34133/27	LOWENSTEIN JENSEN + PYRUVATE 30%	36009/3	UTM + PYRAZINAMIDE 50 µg/ml
34133/28	LOWENSTEIN JENSEN + PYRUVATE 40%	36009/4	UTM + PYRAZINAMIDE 70 µg/ml
34133/29	LOWENSTEIN JENSEN + PYRUVATE 50%	36009/5	UTM + PYRAZINAMIDE 90 µg/ml
34133/30	LOWENSTEIN JENSEN + PYRUVATE 60%	37000	MIDDLEBROOK 7H11
34133/31	LOWENSTEIN JENSEN + PYRUVATE 70%	37001	MIDDLEBROOK 7H11 + AMIKACIN 2 µg/ml
34133/32	LOWENSTEIN JENSEN + PYRUVATE 80%	37002	MIDDLEBROOK 7H11 + AMIKACIN 4 µg/ml
34133/33	LOWENSTEIN JENSEN + PYRUVATE 90%	37005	MIDDLEBROOK 7H11 + ETHAMBUTOL 7.5 µg/ml
34133/34	LOWENSTEIN JENSEN + PYRUVATE 100%	37011	MIDDLEBROOK 7H11 + ETHIONAMIDE 10 µg/ml

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37016	MIDDLEBROOK 7H11 + ISONIAZID 0.2 µg/ml	41206	TRICHOMONAS BROTH
37017	MIDDLEBROOK 7H11 + ISONIAZID 1 µg/ml	41210	CHRISTENSEN UREA AGAR
37021	MIDDLEBROOK 7H11 + KANAMYCIN 6 µg/ml	41210	TRYPTIC SOY BROTH + TWEEEN80 1% 6x200ml
37026	MIDDLEBROOK 7H11 + PAS 8 µg/ml	412130	PSEUDOMONAS AGAR BASE
37031	MIDDLEBROOK 7H11 + PYRAZINAMIDE 25 µg/ml	412150	AZIDE BLOOD AGAR BASE
37036	MIDDLEBROOK 7H11 + RIFABUTIN 1 µg/ml	412170	PHENILALANINE AGAR
37037	MIDDLEBROOK 7H11 + RIFABUTIN 0.5 µg/ml	412180	CLED AGAR
37041	MIDDLEBROOK 7H11 + RIFAMPICIN 1 µg/ml	412190	NUTRIENT AGAR
37046	MIDDLEBROOK 7H11 + STREPTOMYCIN 2 µg/ml	412210	COLUMBIA CNA AGAR BASE
37051	MIDDLEBROOK 7H11 + OFLOXACIN 2 µg/ml	412230	HEKTO ENTERIC AGAR
37056	MIDDLEBROOK 7H11 + CYCLOSERINE 30 µg/ml	412240	MAG CONKEY AGAR
40020	Fluid Thioglycollate Medium 5 x 100 ml	412250	MUELLER HINTON II AGAR
40020	Fluid Thioglycollate Medium 6 x 300 ml	412270	PSEUDOMONAS CETRIMIDE AGAR
40020	Fluid Thioglycollate Medium 6 x 1000 ml	412280	SABOURAUD AGAR
401690	BUFFER SOLUTION pH 7	412290	MANITOL SALT AGAR
401930	SPS Agar 6X150 ml	412300	S.S. AGAR
401980	TRYPTONE WATER	412310	SABOURAUD CAF AGAR
401990	ALKALINE PEPTONE WATER	413010	ISOSENSITEST AGAR
402000	NUTRIENT BROTH	413030	CAMPYLOBACTER AGAR
402020	MUELLER HINTON II BROTH	413040	CLOSTRIDIUM AGAR BASE
402030	MUELLER KAUFFMANN BROTH	413080	NUTRIENT AGAR acc. to ISO 5579
402040	SABOURAUD BROTH	414010	PEPTONE WATER pH 8.4 + NaCl 1% 6X225 ml
402050	Selenite Broth	432950	SELENITE BROTH (DOUBLE CONCENT.) 6X200ml
402060	SALMONELLA DIFF BROTH	432980	TRYPTIC SOY BROTH
402070	TRYPTONE BROTH	432990	D-Nase TEST AGAR
402120	MRS AGAR	432990	TRYPTIC SOY AGAR
402130	PEPTONE WATER	442080	TRYPTIC SOY BROTH
402140	BLOOD AGAR BASE	44220	Chocolate Agar 6x 100 ml
402170	AZIDE BLOOD AGAR BASE	442260	SABOURAUD MODIFIED AGAR
402180	CLED AGAR	442290	TRYPTIC SOY AGAR
402190	NUTRIENT AGAR	442300	WURTZ LACTOSE AGAR
402200	DERMATOPHYTE (D.T.M.) AGAR	442320	BILE AESCULIN AGAR
402210	COLUMBIA CNA AGAR BASE	442350	BIGGY (NICKERSON) AGAR
402220	DRIGALSKI LACTOSE AGAR	442480	SPS AGAR
402230	HEKTOEN ENTERIC AGAR	452060	Fluid Thioglycollate Medium 5 x 100 ml
402240	MAG CONKEY AGAR	452080	TRYPTIC SOY BROTH
402250	MUELLER HINTON II AGAR	452210	COLUMBIA AGAR BASE
402270	PSEUDOMONAS CETRIMIDE AGAR	452500	Fluid Thioglycollate Medium + 1% Tween 80 25 x 100 ml
402280	SABOURAUD AGAR	453060	Fluid Thioglycollate Medium 25 x 100 ml
402290	MANITOL SALT AGAR	463100	Fluid Thioglycollate Medium 6 x 900 ml
402300	S.S. AGAR	463130	Selenite Broth
402320	TRYPTONE AGAR	470010	TRYPTIC SOY AGAR
402330	BRIGHT GREEN AGAR	470020	Selenite Broth
402340	DESOSYCHOLATE AGAR	470030	DESOSYCHOLATE AGAR
402350	E.M.B. LEVINE AGAR	470040	SABOURAUD AGAR
402360	SALMONELLA RAPID TEST	470050	NUTRIENT BROTH
402370	SABOURAUD CAF AGAR	470060	NUTRIENT AGAR
402380	BRAIN HEART INFUSION AGAR	470070	Mueller Hinton II Agar
402430	PEPTONE DILUTIONS	470080	MANITOL SALT AGAR
402450	MAG CONKEY SORBITOL AGAR	470090	MAG CONKEY AGAR
402570	Fluid Thioglycollate Medium + 1% Tween 80	470100	COLUMBIA AGAR BASE
403030	X.L.D. AGAR	470110	CLED AGAR
403050	S.I.M. MEDIUM	470120	Chocolate Agar 6 x 500 ml
403060	UREA INDOL BROTH	470130	BLOOD AGAR BASE
412010	BRAIN HEART INFUSION BROTH	470140	BILE AESCULIN AGAR
412030	SIMMONS CITRATE AGAR	470150	TRICHOMONAS BROTH
412040	LYSINE IRON AGAR	470160	DESOSYCHOLATE CITRATE AGAR
412050	Selenite Broth	470220	ALKALINE PEPTONE WATER
412060	TODD HEWITT BROTH	470280	DRIGALSKI LACTOSE AGAR

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472960	CARY BLAIR TRANSPORT MEDIUM 6x500 ml	610013	COLUMBIA AGAR BASE
473030	Fluid Thioglycollate Medium 6 x 500 ml	610013S	COLUMBIA AGAR BASE
473030	PEPTONE WATER 6x500 ml	610014	DESOXYCHOLATE AGAR
473070	TRYPTIC SOY BROTH 6 x 500 ml	610014S	DESOXYCHOLATE AGAR
471070	SABOURAUD BROTH 6x500 ml	610015	DESOXYCHOLATE CITRATE AGAR
471120	PHYSIOLOGICAL SOLUTION 6x240 ml	610016	DRUG SSKI LACTOSE AGAR
473000	PHYSIOLOGICAL SOLUTION 6x500 ml	610019	E.M.B. LEVINE AGAR
481110	CHROMATIC™ CANDIDA 6x100 ml	610021	HEKTOEN ENTERIC AGAR
481130	CHROMATIC™ DETECTION 6x100 ml	610022	HEKTOEN ENTERIC AGAR
481140	CHROMATIC™ SALMONELLA 6x100 ml	610022	G.C. MEDIUM
481160	CHROMATIC™ STAPH. AUREUS 6x100 ml	610023	KLIGER IRON AGAR
482190	CHROMATIC™ STREP. B 6x100ml	610024	M.R.S. AGAR (ISO/DIS 15214)
490010	HEMO-AEROBIC culturing 6x90 ml	610025	M.R.S. BROTH (ISO/DIS 15214)
490030	HEMO-AEROBIC culturing-Predialise 6x40 ml	610026	LOWENSTEIN JENSEN MEDIUM
490040	HEMO-AEROBIC culturing-NEONATAL 6x9 ml	610026S	LOWENSTEIN JENSEN MEDIUM
490050	HEMO-AEROBIC culturing-NEONATAL 6x9 ml	610027	LYSINE IRON AGAR
490060	HEMO-AEROBIC culturing-NEONATAL 6x9 ml	610028	MAC CONKEY AGAR
490070	Fluid Thioglycollate Medium 6 x 100 ml	610028S	MAC CONKEY AGAR
495010	TRYPTIC SOY BROTH 6x100 ml	610029	MAC CONKEY AGAR
495020	Fluid Thioglycollate Medium 6 x 100 ml	610029S	MAC CONKEY AGAR
500142	URITEST PENTA	610032	MR-AP BROTH
500152	URITEST	610033	MUELLER HINTON AGAR
500162	URITEST M	610033S	MUELLER HINTON AGAR
500702	URITEST EF	610034	MUELLER HINTON BROTH
50020	VAGITEST	610035	MUELLER KAUFMANN BROTH
50021	DERMATEST	610036	NUTRIENT AGAR
500232	URITEST N	610037	NUTRIENT BROTH
500302	URITEST 2	610037S	NUTRIENT BROTH
500402	URITEST MALTO	610038	PEPTONE WATER
500412	URITEST EC	610039	PHENYLALANINE AGAR
51014	URITEST PENTA	610041	PSEUDOMONAS CETRIMIDE AGAR (ISO 6360-1)
51015	URITEST	610042	PSEUDOMONAS CETRIMIDE AGAR
51016	URITEST M	610042S	SS AGAR (MODIFIED)
51020	VAGITEST 120 slide	610042S	SS AGAR (MODIFIED)
51021	DERMATEST	610043	SCHAEGLER AGAR BASE
51023	URITEST N	610044	PURPLE LACTOSE AGAR
51024	URITEST C	610046	SIMMONS CITRATE AGAR
51030	URITEST 2	610047	MONSIEUR AGAR
51040	URITEST MALTO	610048	AEROMONAS AGAR BASE
51041	URITEST EC	610049	LEGIONELLA CYC AGAR BASE (ISO 11731)
51070	URITEST EF	610050	Fluid Thioglycollate Medium
51118	URITEST M	610050S	Fluid Thioglycollate Medium
51123	URITEST N 500 slide	610051	TODD HEWITT BROTH
51130	URITEST 2 500 slide	610051S	TODD HEWITT BROTH
51140	URITEST MALTO	610052	TRYPTIC SOY AGAR
52115	CLEDMAK CONKEY/BILE AEscULIN	610052S	TRYPTIC SOY AGAR (Harm/EP) 5 KG
52119	CLEDMAK CONKEY/SLANETZ 120 slide	610053	TRYPTIC SOY BROTH
52119	URITEST SF 500 slide	610053S	TRYPTIC SOY BROTH
610001	BILE AEscULIN AZIDE AGAR	610055	TRYPTIC SOY BROTH
610002	DEXTROSE AGAR	610055S	T.S.I. AGAR USP
610005	BLOOD AGAR BASE	610056	CLOSTRIDIUM BROTH
610006	BORDET GENGOU AGAR BASE	610056S	CLOSTRIDIUM BROTH
610008	BRAIN HEART INFUSION AGAR	610057	CLOSTRIDIUM BROTH
610008S	BRAIN HEART INFUSION BROTH	610057S	MAC CONKEY AGAR No.2
610009	BRIGHT GREEN AGAR	610060	MAC CONKEY AGAR No.2 5 KG
610012	CLED AGAR	610060S	X.L.D. AGAR (ISO 6579)
610012S	CLED AGAR	610061	X.L.D. AGAR
610012S	CLED AGAR	610061S	TRICHOMONAS BROTH
610012S	CLED AGAR	610065	TSB AGAR BASE (ISLAM)
610012S	CLED AGAR	610070	YEAST GLUCOSE CHLORAMPHENICOL AGAR
610012S	CLED AGAR	610070S	YEAST GLUCOSE CHLORAMPHENICOL AGAR 5 KG
610012S	CLED AGAR	610071	PSEUDOMONAS AGAR BASE

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610072	CZAPEK DOX BROTH	610072	MAC CONKEY MMG AGAR
610074	TRYPTONE SULFITE NEDOMYCIN AGAR	610075	MAC CONKEY MMG AGAR
610075	PHENYLALANINE MALONATE BROTH	610170S	MAC CONKEY MMG AGAR
610079	BRUCELLA AGAR BASE	610172	MALONATE BROTH
610080	WORT BROTH W/O NACI	610174	PHENOL RED BROTH BASE
610092	XLT 4 AGAR	610175	RAPPAPORT VASSILIADIS BROTH (ISO 6785-6579)
610095	CZAPEK DOX AGAR	610176	ROGOSA AGAR
610096	REINFORCED CLOSTRIDIAL AGAR	610177	ROGOSA BROTH
610097	STAPHYLOCOCCUS BROTH	610179	SABOURAUD CAF AGAR + ACTIDIONE
610098	ALKALINE PEPTONE WATER	610180	S.F. BROTH
610101	MALT AGAR	610181	S.L.M. MEDIUM
610103	SABOURAUD AGAR	610182	STUART TRANSPORT MEDIUM
610103S	SABOURAUD AGAR	610183	TETRAHIONATE BROTH BASE
610104	SABOURAUD BROTH	610185	TRYPTIC (CTA) MEDIUM
610107	UREA AGAR BASE (ISO 6785)	610186	VOGEL JOHNSON AGAR
610108	MAC CONKEY SORBITOL AGAR	610188	BLOOD AGAR BASE N. 2
610109	P.P.L.O. BROTH	610191	AMIES TRANSPORT MEDIUM (w/o CHARCOAL)
610110	MUELLER HINTON AGAR MODIFIED	610191S	AMIES TRANSPORT MEDIUM (w/o CHARCOAL)
610111	YERSINIA SELECTIVE AGAR BASE	610195	TRYPTOSE AGAR
610112	CLED ANDRADE AGAR	610195S	MAC CONKEY AGAR w/o CRYSTAL VIOLET
610113	COLUMBIA CNA AGAR BASE	610196	TRYPTIC BILE AGAR
610114	BACILLUS CEREUS AGAR BASE (MOSSEL) ISO 7632	610197	TRYPTOFAN BROTH
610115	CLOSTRIDIUM DIFFICILE AGAR BASE	610200	CAMPYLOBACTER KARMALI AGAR BASE
610117	TRYPTONE YEAST AGAR	610203	SABOURAUD CAF AGAR 5 KG
610118	ANDRADE LACTOSE PEPTONE WATER	610203S	SABOURAUD CAF AGAR
610123	CORN MEAL AGAR	610205	DINASE TEST AGAR
610125	LEGIONELLA CYC AGAR BASE	610206	TRYPTONE WATER (ISO/DIS 3811)
610128	MAC CONKEY AGAR w/o BILE SALT	610207	CLOSTRIDIUM PERFRINGENS AGAR BASE
610130	CAMPYLOBACTER BLOOD FREE MEDIUM BASE	610210	BILE AEscULIN AGAR
610131	CAMPYLOBACTER ENRICHMENT BROTH BASE	610211	KLIGER IRON AGAR MOD.
610132	MOTILITY TEST AGAR	610214	MIDDLEBROOK TH9 BROTH BASE
610134	SLANETZ BARTLEY AGAR BASE ISO 7896-2	610217	NUTRIENT BROTH N.2
610135	BIGGY (NICKERSON) AGAR	610218	Majette Hinton II Broth
610136	BACILLUS CEREUS AGAR BASE (PEMBA)	610221	ANTIBIOTIC TEST MEDIUM
610137	SCHAEGLER BROTH	610222	CLOSTRIDIUM BROTH w/o AGAR
610140	E.M.B. AGAR w/ LACTOSE + SUCROSE	610225	CLOSTRIDIUM BROTH w/o AGAR
610143	LIVER BROTH	610223	MAC CONKEY AGAR w/o Salt
610144	MRS BROTH w/o GLUCOSE	610227	PHENOL RED AGAR BASE
610145	SELENITE BROTH	610229	ANTIBIOTIC MEDIUM E
610145S	SELENITE BROTH	610230	OXIDATIVE/FERMENTATIVE MEDIUM
610146	SABOURAUD MALT TOSE AGAR	610233	TRYPTOSE BROTH
610147	SLANETZ AND BARTLEY AGAR + TTC	610235	MANNITOL MOTILITY TEST MEDIUM
610147S	SLANETZ AND BARTLEY AGAR + TTC	610236	MOTILITY INDOLE UREA AGAR (M.I.U.)
610148	SPS AGAR	610241	TRYPTONE SOYA YEAST EXTRACT BROTH
610148	BILE AEscULIN BROTH	610245	LB AGAR
610151	AMIES TRANSPORT MEDIUM + CHARG.	610301	BISMUTH SULPHITE AGAR
610152S	AMIES TRANSPORT MEDIUM + CHARG.	610303	Lysine Decarboxylase Broth
610153	AMIES TRANSPORT MEDIUM + CHARG.	610304	OF BASAL MEDIUM
610155	AZIDE BLOOD AGAR BASE	610305	ORNITHINE DECARBOXYLASE BROTH
610157	BIOTONE AGAR	610306	ARGININE DECARBOXYLASE BROTH
610158	BIOTONE BROTH	610308	PHENOL RED AGAR BASE
610159	CPIM SELECTIVE WITH CAF	610309	PSEUDOMONAS AGAR P
610160	DERMATOPHYTE (D.T.M.) AGAR	610310	PSEUDOMONAS AGAR P
610161	G.N. HAJIMA BROTH	610311	UREA BROTH
610164	HERELLEA AGAR	610315	ANTIBIOTIC AGAR N.11
610164S	HERELLEA AGAR	610319	PFIZER SELECTIVE ENTEROCOCCUS AGAR
610165	YEAST GLUCOSE CHLORAMPHENICOL AGAR	610322	NITRATE BROTH
610168	YEAST GLUCOSE CHLORAMPHENICOL AGAR 5 KG	610331	DIAGNOSTIC SENSITIVITY TEST AGAR (D.S.T.)
610169	YEAST GLUCOSE CHLORAMPHENICOL AGAR 5 KG	610339	T.S.I. AGAR -wcc-EP
610170	YEAST GLUCOSE CHLORAMPHENICOL AGAR 5 KG	610341	EMGON BROTH
610171	YEAST GLUCOSE CHLORAMPHENICOL AGAR 5 KG	610343	MANNITOL SALT BROTH

PRODOTTI CE DI LIBERA VENDITA / FREE SALE CE PRODUCTS

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610363	Yeast Extract Sodium Lactate medium	611701	PEPTONE BACTERIOLOGICAL
610364	Tryptose Phosphate Broth	611701S	PEPTONE BACTERIOLOGICAL
610365	Tryptose Phosphate Broth	611801	SUCROSE
610372	Cooked Meat Medium	611801S	SUCROSE
610482	POLYPEPTONE	611901	BILE SALT N.3
610485	BRAIN HEART INFUSION	611901S	BILE SALT N.3
610485S	BRAIN HEART INFUSION	612001	LIVER EXTRACT
610495	ACID HYDROLYSATE OF CASEIN	612001S	LIVER EXTRACT
610497	BEEF EXTRACT	612101	PEPTONE MYCOLOGICAL
610497S	BEEF EXTRACT	612101S	PEPTONE MYCOLOGICAL
610498	LACTOSE	612201	PROTEOSE PEPTONE
610498S	LACTOSE	612201S	PROTEOSE PEPTONE
610509	CYSTINE HEART AGAR	612202	STREPTOCOCCUS SELECTIVE AGAR
610611	CHROMATIC™ SALMONELLA	612203	STREPTOCOCCUS BROTH
610612	CHROMATIC™ DETECTION	612501	SOY PEPTONE
610612S	CHROMATIC™ DETECTION	612501S	SOY PEPTONE
610613	CHROMATIC™ CANDIDA	620001	BILE AESCULIN AZIDE AGAR
610614	Chromatic™ E. coli O157	620002	DEXTRIOSE AGAR
610615	CHROMATIC™ MRSA	620005	BLOOD AGAR BASE
610616	CHROMATIC™ STAPH AUREUS	620006	BORDET GENGOU AGAR BASE
610617	CHROMATIC™ STREP B	620007	BRAIN HEART INFUSION AGAR
610625	SABOURAUD CAF (50 mg/L) AGAR	620008	BRAIN HEART INFUSION BROTH
610627	MUELLER HINTON II AGAR	620009	BRIILLANT GREEN AGAR
610627S	MUELLER HINTON II AGAR	620012	CLED AGAR
610629	CHROMATIC™ ESK	620013	COLUMBIA AGAR BASE
611000	SODIUM CHLORIDE	620014	DESOXYCHOLATE AGAR
611001	AGAR	620015	DESOXYCHOLATE CITRATE AGAR
611001S	AGAR	620016	DRIGALSKY LACTOSE AGAR
611002	GELATIN BACTERIOLOGICAL	620019	E.M.B. LEVINE AGAR
611002S	GELATIN BACTERIOLOGICAL	620021	HEKTOEN ENTERIC AGAR
611003	SODIUM SELENITE	620022	G.C. MEDIUM
611003S	SODIUM SELENITE	620023	KLIGLER IRON AGAR
611004	TRYPTONE	620024	M.R.S. AGAR (ISO/DIS 15214)
611004S	TRYPTONE	620025	M.R.S. BROTH (ISO/DIS 15214)
611005	YEAST EXTRACT	620026	LOWENSTEIN JENSEN MEDIUM
611005S	YEAST EXTRACT	620027	LYSINE IRON AGAR
611006	MALT EXTRACT	620028	MAC CONKEY AGAR
611006S	MALT EXTRACT	620029	MANITOL SALT AGAR
611007	CAMPYLOBACTER AGAR BASE	620032	MP-VP BROTH
611008	TRYPTOSE	620033	MUELLER HINTON AGAR
611009	GLUCOSIO	620034	MUELLER HINTON BROTH
611010	T.C.B.S. AGAR	620035	MULLER KAUFFMANN BROTH
611011	SIERRA LIPOLYTIC AGAR	620036	NUTRIENT AGAR
611012	YEAST EXTRACT AGAR (ISO 6222)	620037	NUTRIENT BROTH
611021	HEART INFUSION BROTH	620038	PEPTONE WATER
611021S	HEART INFUSION BROTH	620039	PHENYLALANINE AGAR
611022	MIDDLEBROOK 7H10 AGAR BASE	620041	PSEUDOMONAS CETRIMIDE AGAR (ISO 8395-1)
611203	SABOURAUD CAF (1g/L) AGAR	620042	SE AGAR (MODIFIED)
611210	WURTZ LACTOSE AGAR	620043	SCHAEFER AGAR BASE
611255	ISOSENSITEST AGAR	620044	PURPLE LACTOSE AGAR
611366	STAPHYLOCOCCUS 110 AGAR	620046	SIMMONS CITRATE AGAR
611367	BILE BACTERIOLOGICAL	620047	MONSIEUR AGAR
611401	IRON SULPHITE AGAR	620048	AEROMONAS AGAR BASE
611402	CARY BLAIR TRANSPORT MEDIUM	620049	LEGIONELLA BOYE AGAR BASE (ISO 11731)
611902	CASEIN PEPTONE	620050	Fluid Thioglycollate Medium
611901	GLUCOSE	620051	TODD HEWITT BROTH
611901S	GLUCOSE	620052	TRYPTIC SOY AGAR
611916	CHROMATIC™ NH	620053	TRYPTIC SOY BROTH
611919	CHROMATIC™ CRE AGAR BASE	620055	T.S.J. AGAR - USP
		620056	CLOSTRIDIUM BROTH

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620057	MAC CONKEY AGAR No.2	620170	MAC CONKEY MMG AGAR
620060	X.L.D. AGAR (ISO 6579)	620172	MALONATE BROTH
620061	TRICHOMONAS BROTH	620174	PHENOL RED BROTH BASE
620065	GSB AGAR BASE (ISLM)	620175	RAPAPORT VASSILIADIS BROTH
620070	YEAST GLUCOSE CHROMAPHENICOL AGAR	620176	ROGOSA AGAR
620071	PSEUDOMONAS AGAR BASE	620177	ROGOSA BROTH
620072	CZAPEK DOX BROTH	620179	SABOURAUD CAF AGAR + ACTIDIONE
620074	TRYPTONE SULFITE NEOMYCIN AGAR	620180	S.F. BROTH
620075	PHENYLALANINE MALONATE BROTH	620181	S.L.M. MEDIUM
620079	BRUCELLA AGAR BASE	620182	STUART TRANSPORT MEDIUM
620082	X.L.T. 4 AGAR	620183	TETRATHIONATE BROTH BASE
620085	CZAPEK DOX AGAR	620185	TRYPTIC (CTA) MEDIUM
620086	REINFORCED CLOSTRIDIAL AGAR	620186	VOSEL JOHNSON AGAR
620097	STAPHYLOCOCCUS BROTH	620188	BLOOD AGAR BASE N. 2
620098	ALKALINE PEPTONE WATER	620181	AMES TRANSPORT MEDIUM (w/o CHARCOAL)
620101	MALT AGAR	620193	TRYPTOSE AGAR
620103	SABOURAUD AGAR	620195	MAC CONKEY AGAR w/o CRYSTAL VIOLET
620104	SABOURAUD BROTH	620196	TRYPTIC BILE AGAR
620107	UREA AGAR BASE (ISO 6785)	620197	TRYPTOFAN BROTH
620108	MAC CONKEY SORBITOL AGAR	620200	CAMPYLOBACTER (KARMALI) AGAR BASE
620109	P.P.L.O. BROTH	620203	SABOURAUD CAF AGAR
620110	MUELLER HINTON AGAR MODIFIED	620205	DNase TEST AGAR
620111	YERSINIA SELECTIVE AGAR BASE	620206	TRYPTONE WATER (SODIS 3811)
620112	CLED AGAR	620207	CLOSTRIDIUM PERFRINGENS AGAR BASE
620114	COLUMBIA OXA AGAR BASE	620210	BILE AESCULIN AGAR
620115	CLOSTRIDIUM DIFFICILE AGAR BASE	620211	KLIGLER IRON AGAR MOD.
620117	TRYPTONE YEAST AGAR	620214	MIDDLEBROOK 7H9 BROTH BASE
620118	ANDRADE LACTOSE PEPTONE WATER	620217	NUTRIENT BROTH N.2
620122	MIDDLEBROOK 7H10 AGAR BASE	620216	Mueller Hinton II Broth
620123	CORN MEAL AGAR	620227	PHENOL RED AGAR BASE
620125	LEGIONELLA CYE AGAR BASE	620229	ANTIBIOTIC MEDIUM E
620130	CAMPYLOBACTER BLOOD FREE MEDIUM BASE	620233	TRYPTOSE BROTH
620131	CAMPYLOBACTER ENRICHMENT BROTH BASE	620235	MANITOL MOTILITY TEST MEDIUM
620132	MOTILITY TEST AGAR	620241	TRYPTONE SOYA YEAST EXTRACT BROTH
620134	SLANETZ BARTLEY AGAR BASE ISO 7899-2	620303	LYSINE Decarboxylase Broth
620135	BIGGY (NICKERSON) AGAR	620309	PSEUDOMONAS AGAR F
620136	BACILLUS CEREUS AGAR BASE (PEMBA)	620311	UREA BROTH
620137	SCHAEFER BROTH	620495	BRAIN HEART INFUSION
620140	E.M.B. AGAR w/ LACTOSE + SUCROSE	620496	ACID HYDROLYSATE OF CASEIN
620143	LIVER BROTH	620497	BEEF EXTRACT
620144	MRS BROTH w/o GLUCOSE	620498	LACTOSE
620145	SELENITE BROTH	620511	CHROMATIC™ SALMONELLA
620146	SABOURAUD MALT AGAR	620512	CHROMATIC™ DETECTION
620147	SLANETZ AND BARTLEY AGAR + TTC	620513	CHROMATIC™ CANDIDA
620148	SPS AGAR	620514	Chromatic™ E.coli O157
620151	BILE AESCULIN BROTH	620515	CHROMATIC™ MRSA
620152	AMES TRANSPORT MEDIUM + CHARC.	620516	CHROMATIC™ STAPH AUREUS
620153	AZIDE BLOOD AGAR BASE	620517	CHROMATIC™ STREP B
620155	AZIDE VIOLET BLOOD AGAR BASE	620527	MUELLER HINTON II AGAR
620157	BIOTONE AGAR	620629	CHROMATIC™ ESK
620158	BIOTONE BROTH	621000	SODIUM CHLORIDE
620159	CPLM SELECTIVE WITHCAF	621001	AGAR
620160	DERMATOPHYTE (D.T.M.) AGAR	621003	SODIUM SELENITE
620161	Fluid Thioglycollate Medium	621004	TRYPTONE
620163	G.N. HAINA BROTH	621005	YEAST EXTRACT
620164	HERELLEA AGAR	621006	MALT EXTRACT
620165	KOSER CITRATE BROTH	621007	CAMPYLOBACTER AGAR BASE
620168	LISTERIA PALCAM AGAR	621008	GLUCOSE
620169	I.U.T.M. MEDIUM	621015	CHROMATIC™ NH
		621016	CHROMATIC™ CRE AGAR BASE

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89033	CultControl™ Pseudomonas aeruginosa ATCC®	89036	CultControl™ Klebsiella pneumoniae ATCC® BAA-1705™
89034	CultControl™ Pseudomonas aeruginosa ATCC® 9027™	89039	CultControl™ Klebsiella pneumoniae subsp. pneumoniae ATCC® 13883™
89035	CultControl™ Rhodococcus equi ATCC® 6939™	89040	CultControl™ Clostridium difficile ATCC® 9649™
89036	CultControl™ Saccharomyces cerevisiae ATCC® 9783™	89041	CultControl™ Agrobacterium ananopoli ATCC® 7801™
89037	CultControl™ Salmonella typhimurium ATCC® 14028™	89042	CultControl™ Staphylococcus aureus subsp. aureus ATCC® 700698™
89038	CultControl™ Shigella flexner ATCC® 12021™	89043	CultControl™ Staphylococcus aureus subsp. aureus ATCC® 700699™
89039	CultControl™ Staphylococcus aureus NGCT 12493	89044	CultControl™ Plesiomonas shigelloides ATCC® 14029™
89040	CultControl™ Staphylococcus aureus ATCC® 25923™	89045	CultControl™ Clostridium sporogenes ATCC® 19040™
89041	CultControl™ Staphylococcus aureus ATCC® 29213™	89046	CultControl™ Micrococcus luteus ATCC® 10240™
89042	CultControl™ Staphylococcus aureus ATCC® 33862™	89047	CultControl™ Candida tropicalis ATCC® 7501™
89043	CultControl™ Staphylococcus aureus ATCC® 43300™	89048	CultControl™ Candida krusei ATCC® 14243™
89044	CultControl™ Staphylococcus aureus ATCC® 6538™	89049	CultControl™ Gardnerella vaginalis ATCC® 14018™
89045	CultControl™ Staphylococcus epidermidis ATCC® 12228™	89050	CultControl™ Lactobacillus fermentum ATCC® 9338™
89046	CultControl™ Streptococcus agalactiae ATCC® 13813™	89051	CultControl™ Listeria gray ATCC® 25401™
89047	CultControl™ Streptococcus pneumoniae ATCC® 4946™	89052	CultControl™ Micrococcus luteus ATCC® 4698™
89048	CultControl™ Proteus mirabilis ATCC® 12453™	89053	CultControl™ Moraxella (Branhamella) catarrhalis ATCC® 25238™
89049	CultControl™ Yersinia enterocolitica ATCC® 9610™	89054	CultControl™ Neisseria gonorrhoea ATCC® 49226™
89050	CultControl™ Listeria monocytogenes ATCC® 19115™	89055	CultControl™ Proteus mirabilis ATCC® 35569™
89051	CultControl™ Legionella pneumophila subsp. pneumophila ATCC® 35131™	89056	CultControl™ Proteus mirabilis ATCC® 43071™
89052	CultControl™ Clostridium perfringens ATCC® 13124™	89057	CultControl™ Proteus vulgaris ATCC® 6380™
89053	CultControl™ Salmonella enterica subsp. enterica serovar Typhimurium ATCC® 13311™	89058	CultControl™ Pseudomonas aeruginosa ATCC® 10145™
89054	CultControl™ Streptococcus faecalis subsp. paraecoli ATCC® BAA-52™	89059	CultControl™ Pseudomonas aeruginosa ATCC® 15442™
89055	CultControl™ Vibrio parahaemolyticus ATCC® 17807™	89060	CultControl™ Pseudomonas fluorescens ATCC® 13255™
89056	CultControl™ Aspergillus fumigatus ATCC® 204305™	89061	CultControl™ Clostridium histolyticum ATCC® 15401™
89057	CultControl™ Shigella sonnei ATCC® 25931™	89062	CultControl™ Bacillus subtilis ATCC® 29474™
89058	CultControl™ Clostridium sporangi ATCC® 9714™	89063	CultControl™ Actinomyces odontolyticus ATCC® 17929™
89059	CultControl™ Listeria monocytogenes ATCC® 7644™	89064	CultControl™ Enterococcus faecalis ATCC® 39168™
89060	CultControl™ Streptococcus bovis ATCC® 33317™	89065	CultControl™ Staphylococcus aureus subsp. aureus ATCC® 33591™
89061	CultControl™ Streptococcus mutans ATCC® 25175™	89066	CultControl™ Enterococcus faecium ATCC® 31559™
89062	CultControl™ Streptococcus pneumoniae ATCC® 27332™	89067	CultControl™ Functiochlamydia nucleatum ATCC® 25399™
89063	CultControl™ Streptococcus sanguinis ATCC® 10556™	89068	CultControl™ Aeromonas hydrophila ATCC® 7766™
89064	CultControl™ Enterobacter cloacae subsp. cloacae ATCC® BAA-1143™	89069	CultControl™ Haemophilus influenzae ATCC® 10211™
89065	CultControl™ Enterococcus faecalis ATCC® 49532™	89070	CultControl™ Serratia marcescens ATCC® 8100™
89066	CultControl™ Enterococcus faecalis ATCC® 49533™	89071	CultControl™ Neisseria gonorrhoea ATCC® 49981™
89067	CultControl™ Escherichia coli NGCT 11954™	89072	CultControl™ Haemophilus haemolyticus ATCC® 33390™
89068	CultControl™ Klebsiella pneumoniae ATCC® BAA-2146™	89073	CultControl™ Haemophilus influenzae ATCC® 33553™
89069	CultControl™ Klebsiella pneumoniae subsp. pneumoniae ATCC® 33590™	89074	CultControl™ Providencia stuartii ATCC® 33572™
89070	CultControl™ Candida albicans ATCC® 22018™	89075	CultControl™ Staphylococcus haemolyticus ATCC® 29570™
89071	CultControl™ Candida albicans ATCC® 90028™	89076	CultControl™ Streptococcus dysgalactiae subsp. equisimilis ATCC® 12258™
89072	CultControl™ Isospora orientalis ATCC® 67558™	89077	CultControl™ Streptococcus mitis ATCC® 8249™
89073	CultControl™ Neisseria gonorrhoea ATCC® 19242™	89078	CultControl™ Streptococcus pyogenes ATCC® 44399™
89074	CultControl™ Neisseria gonorrhoea ATCC® 19243™	89079	CultControl™ Streptococcus salivarius ATCC® 13419™
89075	CultControl™ Neisseria gonorrhoea ATCC® 31426™	89080	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89076	CultControl™ Haemophilus influenzae ATCC® 49247™	89081	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89077	CultControl™ Haemophilus influenzae ATCC® 49247™	89082	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89078	CultControl™ Bacteroides thetaiotaomicron ATCC® 29741™	89083	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89079	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89084	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89080	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89085	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89081	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89086	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89082	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89087	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89083	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89088	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89084	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89089	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89085	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89090	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89086	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89091	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89087	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89092	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89088	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89093	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89089	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89094	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89090	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89095	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89091	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89096	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89092	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89097	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89093	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89098	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89094	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89099	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89095	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89100	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89096	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89101	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89097	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89102	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89098	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89103	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89099	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89104	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89100	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89105	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89101	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89106	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89102	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89107	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89103	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89108	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89104	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89109	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89105	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89110	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89106	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89111	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89107	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89112	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89108	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89113	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89109	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89114	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89110	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89115	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89111	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89116	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89112	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89117	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89113	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89118	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89114	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89119	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89115	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89120	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89116	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89121	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89117	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89122	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89118	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89123	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89119	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89124	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89120	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89125	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89121	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89126	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89122	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89127	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89123	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89128	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89124	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89129	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89125	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89130	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89126	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89131	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89127	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89132	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89128	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89133	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89129	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89134	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89130	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89135	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89131	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89136	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89132	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89137	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89133	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89138	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89134	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89139	CultControl™ Streptococcus pneumoniae ATCC® 6305™
89135	CultControl™ Lactobacillus acidophilus ATCC® 4356™	89140	CultControl™ Streptococcus pneumoniae ATCC® 6305™

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89141	CultControl™ Adenovirus baumannii ATCC® BAA-7471™	90181	CEFOXITIN FOX 30 µg 50 Discs
89142	CultControl™ Vibrio alnophilus ATCC® 17749™	9019	CEFTAZIDIME CAZ 30 µg 250 Discs
89143	CultControl™ Campylobacter jejuni subsp. jejuni ATCC® 35061™	90191	CEFTAZIDIME CAZ 30 µg 250 Discs
89144	CultControl™ Clostridium difficile ATCC® 43054™	9020	CEFTAZIDIME CAZ 30 µg 250 Discs
89145	CultControl™ Clostridium difficile ATCC® 43054™	90201	CEFTAZIDIME CAZ 30 µg 250 Discs
89146	CultControl™ Clostridium difficile ATCC® 43054™	9021	CEFTAZIDIME CAZ 30 µg 250 Discs
89147	CultControl™ Clostridium difficile ATCC® 43054™	9022	CEFTAZIDIME CAZ 30 µg 250 Discs
89148	CultControl™ Clostridium difficile ATCC® 43054™	9023	CEFTAZIDIME CAZ 30 µg 250 Discs
89149	CultControl™ Clostridium difficile ATCC® 43054™	9024	CEFTAZIDIME CAZ 30 µg 250 Discs
89150	CultControl™ Clostridium difficile ATCC® 43054™	9025	CEFTAZIDIME CAZ 30 µg 250 Discs
89151	CultControl™ Clostridium difficile ATCC® 43054™	9026	CEFTAZIDIME CAZ 30 µg 250 Discs
89152	CultControl™ Clostridium difficile ATCC® 43054™	9027	CEFTAZIDIME CAZ 30 µg 250 Discs
89153	CultControl™ Clostridium difficile ATCC® 43054™	9028	CEFTAZIDIME CAZ 30 µg 250 Discs
89154	CultControl™ Clostridium difficile ATCC® 43054™	9029	CEFTAZIDIME CAZ 30 µg 250 Discs
89155	CultControl™ Clostridium difficile ATCC® 43054™	9030	CEFTAZIDIME CAZ 30 µg 250 Discs
89156	CultControl™ Clostridium difficile ATCC® 43054™	9031	CEFTAZIDIME CAZ 30 µg 250 Discs
89157	CultControl™ Clostridium difficile ATCC® 43054™	9032	CEFTAZIDIME CAZ 30 µg 250 Discs
89158	CultControl™ Clostridium difficile ATCC® 43054™	9033	CEFTAZIDIME CAZ 30 µg 250 Discs
89159	CultControl™ Clostridium difficile ATCC® 43054™	9034	CEFTAZIDIME CAZ 30 µg 250 Discs
89160	CultControl™ Clostridium difficile ATCC® 43054™	9035	CEFTAZIDIME CAZ 30 µg 250 Discs
89161	CultControl™ Clostridium difficile ATCC® 43054™	9036	CEFTAZIDIME CAZ 30 µg 250 Discs
89162	CultControl™ Clostridium difficile ATCC® 43054™	9037	CEFTAZIDIME CAZ 30 µg 250 Discs
89163	CultControl™ Clostridium difficile ATCC® 43054™	9038	CEFTAZIDIME CAZ 30 µg 250 Discs
89164	CultControl™ Clostridium difficile ATCC® 43054™	9039	CEFTAZIDIME CAZ 30 µg 250 Discs
89165	CultControl™ Clostridium difficile ATCC® 43054™	9040	CEFTAZIDIME CAZ 30 µg 250 Discs
89166	CultControl™ Clostridium difficile ATCC® 43054™	9041	CEFTAZIDIME CAZ 30 µg 250 Discs
89167	CultControl™ Clostridium difficile ATCC® 43054™	9042	CEFTAZIDIME CAZ 30 µg 250 Discs
89168	CultControl™ Clostridium difficile ATCC® 43054™	9043	CEFTAZIDIME CAZ 30 µg 250 Discs
89169	CultControl™ Clostridium difficile ATCC® 43054™	9044	CEFTAZIDIME CAZ 30 µg 250 Discs
89170	CultControl™ Clostridium difficile ATCC® 43054™	9045	CEFTAZIDIME CAZ 30 µg 250 Discs
89171	CultControl™ Clostridium difficile ATCC® 43054™	9046	CEFTAZIDIME CAZ 30 µg 250 Discs
89172	CultControl™ Clostridium difficile ATCC® 43054™	9047	CEFTAZIDIME CAZ 30 µg 250 Discs
89173	CultControl™ Clostridium difficile ATCC® 43054™	9048	CEFTAZIDIME CAZ 30 µg 250 Discs
89174	CultControl™ Clostridium difficile ATCC® 43054™	9049	CEFTAZIDIME CAZ 30 µg 250 Discs
89175	CultControl™ Clostridium difficile ATCC® 43054™	9050	CEFTAZIDIME CAZ 30 µg 250 Discs
89176	CultControl™ Clostridium difficile ATCC® 43054™	9051	CEFTAZIDIME CAZ 30 µg 250 Discs
89177	CultControl™ Clostridium difficile ATCC® 43054™	9052	CEFTAZIDIME CAZ 30 µg 250 Discs
89178	CultControl™ Clostridium difficile ATCC® 43054™	9053	CEFTAZIDIME CAZ 30 µg 250 Discs
89179	CultControl™ Clostridium difficile ATCC® 43054™	9054	CEFTAZIDIME CAZ 30 µg 250 Discs
89180	CultControl™ Clostridium difficile ATCC® 43054™	9055	CEFTAZIDIME CAZ 30 µg 250 Discs
89181	CultControl™ Clostridium difficile ATCC® 43054™	9056	CEFTAZIDIME CAZ 30 µg 250 Discs
89182	CultControl™ Clostridium difficile ATCC® 43054™	9057	CEFTAZIDIME CAZ 30 µg 250 Discs
89183	CultControl™ Clostridium difficile ATCC® 43054™	9058	CEFTAZIDIME CAZ 30 µg 250 Discs
89184	CultControl™ Clostridium difficile ATCC® 43054™	9059	CEFTAZIDIME CAZ 30 µg 250 Discs
89185	CultControl™ Clostridium difficile ATCC® 43054™	9060	CEFTAZIDIME CAZ 30 µg 250 Discs
89186	CultControl™ Clostridium difficile ATCC® 43054™	9061	CEFTAZIDIME CAZ 30 µg 250 Discs
89187	CultControl™ Clostridium difficile ATCC® 43054™	9062	CEFTAZIDIME CAZ 30 µg 250 Discs
89188	CultControl™ Clostridium difficile ATCC® 43054™	9063	CEFTAZIDIME CAZ 30 µg 250 Discs
89189	CultControl™ Clostridium difficile ATCC® 43054™	9064	CEFTAZIDIME CAZ 30 µg 250 Discs
89190	CultControl™ Clostridium difficile ATCC® 43054™	9065	CEFTAZIDIME CAZ 30 µg 250 Discs
89191	CultControl™ Clostridium difficile ATCC® 43054™	9066	CEFTAZIDIME CAZ 30 µg 250 Discs
89192	CultControl™ Clostridium difficile ATCC® 43054™	9067	CEFTAZIDIME CAZ 30 µg 250 Discs
89193	CultControl™ Clostridium difficile ATCC® 43054™	9068	CEFTAZIDIME CAZ 30 µg 250 Discs
89194	CultControl™ Clostridium difficile ATCC® 43054™	9069	CEFTAZIDIME CAZ 30 µg 250 Discs
89195	CultControl™ Clostridium difficile ATCC® 43054™	9070	CEFTAZIDIME CAZ 30 µg 250 Discs
89196	CultControl™ Clostridium difficile ATCC® 43054™	9071	CEFTAZIDIME CAZ 30 µg 250 Discs
89197	CultControl™ Clostridium difficile ATCC® 43054™	9072	CEFTAZIDIME CAZ 30 µg 250 Discs
89198	CultControl™ Clostridium difficile ATCC® 43054™	9073	CEFTAZIDIME CAZ 30 µg 250 Discs
89199	CultControl™ Clostridium difficile ATCC® 43054™	9074	CEFTAZIDIME CAZ 30 µg 250 Discs
89200	CultControl™ Clostridium difficile ATCC® 43054™	9075	CEFTAZIDIME CAZ 30 µg 250 Discs
89201	CultControl™ Clostridium difficile ATCC® 43054™	9076	CE

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621021	HEART INFUSION BROTH	78922	INTEGRAL SYSTEM YEASTS Plus 4 Tests
621022	MIDDLEBROOK 7H10 AGAR BASE	80009	IODINE MKTT SOLUTION 10 x 10 ml
621210	WURZELACTOSE AGAR	80010	XLT 4 supplement 2 x 50 ml
621285	ISOSENITEST AGAR	80021	GLYCEROL supplement 4 x 50 ml
621307	BILE BACTERIOLOGICAL	80022	POTASSIUM TELLURITE 1% suppl. 5 x 10 ml
621401	IRON SULPHITE AGAR	80031	TWEEN 80 supplement 2 x 50 ml
621402	CARY BLAIR TRANSPORT MEDIUM	80040	CHROMATIC™ SALMONELLA Supplement 2x50 ml
621601	GLUCOSE	80047	MÜLLER KAUFFMANN 3x50 ml (iodine G.O.1%)
621618	CHROMATIC™ MH	80053	VITAMIN K 1% supplement 5 x 5 ml
621619	CHROMATIC™ CRE AGAR BASE	80056	LEGIONELLA growth supplement 10 vials
621701	PEPTONE BACTERIOLOGICAL	80057	H2O2 REAGENT 1 x 10 ml
622202	STREPTOCOCCUS SELECTIVE AGAR	80060	DECONTAM-KIT
630026	LOWENSTEIN JENSEN MEDIUM w GLYCEROL 1 litre	80110	UREA 40%
71618	ENTEROSYSTEM 18R 20 Tests	80219	EGG YOLK emulsion 4 x 50 ml
71630	STAF SYSTEM 18 R 20 Tests	80252	ENTEROSYSTEM 18R REAGENT 100/200 Tests
71670	COPRO SYSTEM 40 Tests	80253	COPRO SYSTEM REAGENTS (antisera)
71675	COPRO SYSTEM Plus 20 Tests	80257	LISTERIA SYSTEM 18R REAG 100/200 Tests
71678	PATHOGENIC SYSTEM DOUBLE 40 Tests	80258	AF GENITAL SYSTEM REAGENT
71679	PATHOGENIC SYSTEM 20 Tests	80260	IDENTIF. SYSTEM-REAGENT 100/200 Tests
71681	PATHOGENIC SYSTEM AST	80271	KOVACS REAGENT 4x25 ml
71714	INTEGRAL SYSTEM ENTEROBACTERI 20 Tests	80272	FERRIC CHLORIDE 10% 2x 25 ml
71718	INTEGRAL SYSTEM STAFILOCOCCI 20 Tests	80273	NINHYDRIN 7% 10 ml
71720	INTEGRAL SYSTEM STREPTOCOCCI 20 Tests	80275	MIF COLOR KIT 50 Tests
71724	INTEGRAL SYSTEM GARDNERELLA 20 TESTS	80276	ZIEHL-NEELSEN 3 x 250 ml
71822	INTEGRAL SYSTEM YEASTS Plus 20 Tests	80277	METHYLENE BLUE Solution 250 ml
72560	STREPTO SYSTEM 12 R 40 Tests	80279	VASELINE OIL 4 x 50 ml
72592	MYCOPLASMA SYSTEM Plus 20 Tests	80280	V.P. TEST-Reagent 10x10ml
74156	A.F. GENITAL SYSTEM 20 Tests	80281	V.P. TEST EP 10 x 10 ml
74160	URIN SYSTEM Plus 20 Tests	80282	Kit May-Growald Giemsa
74161	URIN SYSTEM Chrom 20 Tests	80290	SAFRANIN SOLUTION 1000 ml
76010	Sensi Test gram-negative 20 Tests	80291	POTASSIUM TELLURITE 3.5% suppl 5x10 ml
76020	Sensi Test gram-positive 20 Tests	80292	UREA 40 % supplement 10 x 5 ml
76031	SensiQuattro Gram-negative 20 Tests	80293	GRAM COLOR KIT 4 x 250 ml
76032	SensiQuattro Gram-positive 20 Tests	80294	KIT COLOR ALBERT 2 x 250 ml
76033	SensiQuattro Candida EU 20 Tests	80295	DECOLOURING SOLUTION 1000 ml
76518	ENTERO PLURI TEST 10 Tests	80296	LUGOL PVP SOLUTION 1000 ML
76619	ENTERO PLURI TEST 25 Tests	80297	SAFRANIN SOLUTION 500 ml
76620	OXIFERM PLURI TEST 10 Tests	80298	LUGOL PVP SOLUTION 250 ml
76621	OXIFERM PLURI TEST 25 Tests	80299	CRYSTAL VIOLET SOLUTION 1000 ml
79010	Sensi Test gram-negative 4 Tests	80300	TTC-1% supplement 5 x 10 ml
79020	Sensi Test gram-negative 4 Tests	80350	ANTIBIOTIC TEST 50 Tests
79031	SensiQuattro Gram-negative 4 Tests	80351	RAPID ANTIBIOTIC TEST 50 Tests
79032	SensiQuattro Gram-positive 4 Tests	80390	KINOLIN-COLOR KIT 2 x 250 ml
79033	SensiQuattro Candida EU 4 Tests	80390	FIXUR 1
79156	A.F. GENITAL SYSTEM 4 Tests	80409	IODINE SOLUTION 10 x 10 ml
79160	URIN SYSTEM Plus 4 Tests	80410	XLT 4 SUPPLEMENT 4 x 50 ml
79161	URIN SYSTEM Chrom 4 Tests	80422	POTASSIUM TELLURITE 1% Supplement 10 x 10 ml
79560	STREPTO SYSTEM 12 R 8 Tests	80430	TTC 1% supplement 10 x 10 ml
79592	MYCOPLASMA SYSTEM Plus 4 Tests	80431	TWEEN 80 supplement 4 x 50 ml
79618	ENTEROSYSTEM 18R 4 Tests	80453	VITAMIN K 1% SUPPLEMENT 10 x 5 ml
79630	STAF SYSTEM 18 R 4 Tests	80491	POTASSIUM TELLURITE 3.5% Supplement 10 x 10
79670	COPRO SYSTEM 8 Tests	81001	AMPIICILIN supplement 10 vials
79675	COPRO SYSTEM Plus 4 Tests	81002	LEGIONELLA (BMPA) supplement 10 vials
79678	PATHOGENIC SYSTEM DOUBLE 8 Tests	81003	BRUCELLA supplement 10 vials
79679	PATHOGENIC SYSTEM 4 Tests	81024	CAMPYLOBACTER Preston supplement 10 vials
79681	PATHOGENIC SYSTEM AST	81066	CH (Pseudomonas) supplement 10 vials
79714	INTEGRAL SYSTEM ENTEROBACTERI 4 Tests	81007	CLOSTRIDIUM difficile supplement 10 vials
79718	INTEGRAL SYSTEM STAFILOCOCCI 4 Tests	81008	LEGIONELLA (GVPC) supplement-10 vials
79720	INTEGRAL SYSTEM STREPTOCOCCI 4 Tests	81009	IODINE solution 5 x 10 ml
79724	INTEGRAL SYSTEM GARDNERELLA 4 Tests	81011	CLOSTRIDIUM perfringens (T.S.C.) sup. 10 v.

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81012	LCAT supplement 10 vials	88006	ASCULIN BILE TEST 30 Tests
81013	BORDETTELLA supplement 10 vials	88009	NITRATI TEST 30 Tests 30 Tests
81014	HAEMOPHILUS supplement 10 vials	88010	LISTERIA MONO TEST 20 Tests
81016	CAMPYLOBACTER Butzler supplement 10 vials	88011	UREA RAPID TEST 30 Tests
81017	BACILLUS Cereus Supplement 10 vials	88013	H2S RAPID TEST 30 Tests
81019	CHLORAMPHENICOL supplement 10 vials	88014	LYSINE DECARBOXYLASE TEST 30 Tests
81019	LEGIONELLA (NWY) supplement 10 vials	88015	ORNITHINE DECARBOXYLASE TEST 30 Tests
81020	MAG Supplement 10 vials	88016	ARGININE DECARBOXYLASE TEST 30 Tests
81022	V.C.N. supplement 10 vials	88017	INDOLE TEST 30 Tests
81023	VITAL EX growth supplement 10 vials	88020	3 F RAPID TEST 30 Tests
81024	V.C.N.T. supplement 10 vials	88021	CAMP TEST-S 30 Tests
81025	DERMATOPHYTE supplement 10 vials	88023	CATALASIOXY TEST 30 Tests
81026	LISTERIA PALCAM supplement 10 vials	88024	UREA/ INDOLO TEST 30 Tests
81032	DNPG 1.5% Supplement 10 vials	88027	CAMP TEST-R 30 Tests
81033	GENTAMYCIN supplement 10 vials	88028	PEPTIDASE A TEST 30 Tests
81035	MIDDLEBROOK 7H 10 supplement 4 x 50 ml	88029	OXIDASE TEST STICKS 60 Tests
81036	CAMPYLOBACTER KARMALI Supplement 10 vials	88030	COAGULASE TEST 40 Tests
81037	CAMPYLOBACTER CCDA supplement 10 vials	88031	GRAM TEST STICK 30 Tests
81038	CAMPYLOBACTER C.T.V.N. Supplement 10 vials	88032	INDOLO TEST STICK 30 Tests
81039	YERSINIA supplement 10 vials	88033	BETA LACTAMASE STICKS 30 Tests
81040	GARDNERELLA vaginalis Supplement 10vials	88034	PEPTIDASE A STICKS 30 Tests
81041	V.C.A.T. supplement 10 vials	88035	VP TEST KIT
81042	LISTERIA FRASER supplement (112mg/10 vials	88040	C 390 50 Discs
81048	CNA (Star/Star) supplement 10 vials	88041	Brilliant Green 100 µg
81050	CAMPYLOBACTER growth supplement 10 vials	88042	CITRATE TEST
81051	CAMPYLOBACTER Blaser Wang supp 10 vials	88043	O129 Disc 150 µg
81054	SCHAEFFLER supplement 10 vials	88044	O129 Disc 10 µg
81055	CAMPYLOBACTER Skirrow suppl 10 vials	88105	O.N.P.G. TEST
81056	LEGIONELLA (BCYE) growth supp 10 vials	88201	GALACTOSE TEST 30 Tests
81062	VANCOMYCIN Supplement for VRE 10 vials	88202	GLUCOSE TEST 30 Tests
81078	CAMPYLOBACTER C.T.V.A. Supplement 10 vials	88203	LACTOSE TEST 30 Tests
81079	CHROMATIC™ MRSA Supplement	88204	MALTOSE TEST 30 Tests
81079	UREA-ARGININE SCREEN	88205	RAFFINOSE TEST 30 Tests
81082	CEFTIME TELLURITE Supplement	88206	SUCROSE TEST 30 Tests
81083	MEROPEMEN Supplement	88207	ARABITOL TEST 30 Tests
81084	NEOMYCIN Solution	88208	ADONITOL TEST 30 Tests
81085	CHROMATIC™ STAPH AUREUS Supplement	88209	ARABINOSE TEST 30 Tests
81086	VCC MOD SELECTIVE Supplement	88210	DULCITOL TEST 30 Tests
81088	CHROMATIC™ CRE Supplement	88211	INOSITOL TEST 30 Tests
81089	Chromatic™ ESBL Supplement	88212	INULIN TEST 30 Tests
81090	Chromatic™ ESBL+AmPC Supplement	88213	LEVULOSE TEST 30 Tests
81091	Legionella BCYE Growth Supplement w/o L-Cysteine	88214	MANNITOL TEST 30 Tests
83510	HORSE SERUM 1 x 100 ml	88215	MANNOSE TEST 30 Tests
85501	COPRO KIT (SELENITE BROTH)	88216	RHAMNOSE TEST 30 Tests
85502	COPRO KIT 2 (SALMONELLA BROTH)	88217	SALICIN TEST 30 Tests
87001	KOVACS Reagent	88218	SORBITOL TEST 30 Tests
87002	VP (NaOH) Reagent	88219	TREHALOSE TEST 30 Tests
87003	CATALASE Reagent	88220	XYLOSE TEST 30 Tests
87004	PHENYLALANINE Reagent	89021	CultControl™ Aspergillus brasiliensis ATCC® 16404™
87005	OXIDASE Reagent	89022	CultControl™ Bacillus Cereus ATCC® 11778™
87006	Vaseline Oil	89023	CultControl™ Bacillus subtilis ATCC® 6633™
87007	VP (KOH) Reagent	89024	CultControl™ Candida albicans ATCC® 10231™
87008	Lactophenol Cotton Blue Droppers	89025	CultControl™ Enterococcus faecalis ATCC® 19433™
87101	GRAM COLOR KIT	89026	CultControl™ Enterococcus faecalis ATCC® 7932™
89001	BETA LACTAMASE TEST 30 Tests	89027	CultControl™ Escherichia coli ATCC® 25922™
89003	OXIDASE TEST SWABS 30 Tests	89028	CultControl™ Escherichia coli ATCC® 8739™
89004	OXIDASE TEST DISCS 30 Discs	89029	CultControl™ Listeria innocua ATCC® 33090™
89005	O.N.P.G. TEST 30 Tests	89030	CultControl™ Listeria ivanovi ATCC® 19119™
89006	E.COLI TEST 30 Tests	89031	CultControl™ Listeria monocytogenes ATCC® 19111™
89007	HIPURATE TEST 30 Tests	89032	CultControl™ Proteus mirabilis ATCC® 25933™

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9048/1	AMOXICILLIN-CLAVULANIC ACID AUG 30 mg 250 Discs	9078	NYSTATIN KY 100 IU 250 Discs
9048/1	AMOXICILLIN-CLAVULANIC ACID AUG 30 mg 50 Discs	9078/1	NYSTATIN KY 100 IU 50 Discs
9049	FUSIDIC ACID FC 10 mg 250 Discs	9079	IMPENEM IMI 10 mg 250 Discs
9049/1	FUSIDIC ACID FC 10 mg 50 Discs	9079/1	IMPENEM IMI 10 mg 50 Discs
9050	TEICOPLANIN TEC 30 mg 250 Discs	9080	OFOXACIN OFX 5 mg 250 Discs
9050/1	TEICOPLANIN TEC 30 mg 50 Discs	9080/1	OFOXACIN OFX 5 mg 50 Discs
9051	BACITRACIN BA 10 IU 250 Discs	9081	CEFOOTETAN CTT 30 mg 250 Discs
9051/1	BACITRACIN BA 10 IU 50 Discs	9081/1	CEFOOTETAN CTT 30 mg 50 Discs
9052	CEFDROXIL CDX 30 mg 250 Discs	9082	TYLOSIN TV 30 mg 250 Discs
9052/1	CEFDROXIL CDX 30 mg 50 Discs	9082/1	TYLOSIN TV 30 mg 50 Discs
9053	CEFDROXIL CDX 30 mg 250 Discs	9083	TRIMETHOPRIM TM 2.5 mg 250 Discs
9053/1	CEFDROXIL CDX 30 mg 50 Discs	9083/1	TRIMETHOPRIM TM 2.5 mg 50 Discs
9054	CEFTIOXIME CZX 30 mg 250 Discs	9084	SULFAMETHOXAZOLE SMX 50 mg 250 Discs
9054/1	CEFTIOXIME CZX 30 mg 50 Discs	9084/1	SULFAMETHOXAZOLE SMX 50 mg 50 Discs
9055	CEPHRADINE CE 30 mg 250 Discs	9085	Imipenem + Phenylboronic acid IM + BO 250 Discs
9055/1	CEPHRADINE CE 30 mg 50 Discs	9085/1	Imipenem + Phenylboronic acid IM + BO 50 Discs
9056	CIPROFLOXACIN CIP 5 mg 250 Discs	9086	Imipenem + Cloxacillin IMI + CL 250 Discs
9056/1	CIPROFLOXACIN CIP 5 mg 50 Discs	9086/1	Imipenem + Cloxacillin IMI + CL 50 Discs
9057	CINOXACIN CIN 100 mg 50 Discs	9087	EDTA ED 250 Discs
9057/1	CINOXACIN CIN 100 mg 50 Discs	9087/1	EDTA ED 50 Discs
9058	CLOXACILLIN CX 5 mg 250 Discs	9088	SPRAMEYCN SP 100 mg 250 Discs
9058/1	CLOXACILLIN CX 5 mg 50 Discs	9088/1	SPRAMEYCN SP 100 mg 50 Discs
9059	DOXYCYCLINE DXT 30 mg 250 Discs	9089	CEFTRAXIME CFM 5 mg 250 Discs
9059/1	DOXYCYCLINE DXT 30 mg 50 Discs	9089/1	CEFTRAXIME CFM 5 mg 50 Discs
9060	ROXITROMYCN RXT 15 mg 250 Discs	9090	Daptomycin DAP 30 mg 250 Discs
9060/1	ROXITROMYCN RXT 15 mg 50 Discs	9090/1	Pefloxacin PEF 5 mg 250 Discs
9061	ERTAPENEM ETP 10 mg 250 Discs	9091	PEFLOXACIN PEF 5 mg 50 Discs
9061/1	ERTAPENEM ETP 10 mg 50 Discs	9091/1	PEFLOXACIN PEF 5 mg 50 Discs
9062	MEZLOCLIN MEZ 75 mg 250 Discs	9092	DICLOXACILLIN DCX 1 mg 250 Discs
9062/1	MEZLOCLIN MEZ 75 mg 50 Discs	9092/1	DICLOXACILLIN DCX 1 mg 50 Discs
9063	NOVOBIOICIN NO 30 mg 250 Discs	9094	TIAMULIN T 30 mg 250 Discs
9063/1	NOVOBIOICIN NO 30 mg 50 Discs	9094/1	TIAMULIN T 30 mg 50 Discs
9064	CEFDROXIME PX 10 mg 250 Discs	9095	IMPENEM/CEFTATIN IMC 20 mg 250 Discs
9064/1	CEFDROXIME PX 10 mg 50 Discs	9095/1	IMPENEM/CEFTATIN IMC 20 mg 50 Discs
9065	OXYTETRACYCLINE OT 30 mg 250 Discs	9096	TICARILLIN-CLAVULANIC ACID TTC 45 mg 250 Discs
9065/1	OXYTETRACYCLINE OT 30 mg 50 Discs	9096/1	TICARILLIN-CLAVULANIC ACID TTC 45 mg 50 Discs
9066	POLYMYXIN B PB 100 IU 250 Discs	9097	CLOTIMAZOLE CLO 50 mg 250 Discs
9066/1	POLYMYXIN B PB 100 IU 50 Discs	9097/1	CLOTIMAZOLE CLO 50 mg 50 Discs
9067	SPECTINOMYCN SPC 100 mg 250 Discs	9098	CLARITHROMYCN CLR 15 mg 250 Discs
9067/1	SPECTINOMYCN SPC 100 mg 50 Discs	9098/1	CLARITHROMYCN CLR 15 mg 50 Discs
9068	MEROPENEM MRP 10 mg 250 Discs	9099	FURAZOLIDON FR 50 mg 250 Discs
9068/1	MEROPENEM MRP 10 mg 50 Discs	9099/1	FURAZOLIDON FR 50 mg 50 Discs
9069	FLUCONAZOLE FLU 100 mg 250 Discs	9100	PIPERACILLIN-TAZOBACTAM TAZP 110 mg 250 Discs
9069/1	FLUCONAZOLE FLU 100 mg 50 Discs	9100/1	PIPERACILLIN-TAZOBACTAM TAZP 110 mg 50 Discs
9070	TICARILLIN TC 75 mg 250 Discs	9101	CEFTIBUTEN CTB 30 mg 250 Discs
9070/1	TICARILLIN TC 75 mg 50 Discs	9101/1	CEFTIBUTEN CTB 30 mg 50 Discs
9071	AMPHOTERICIN B AMB 20 mg 250 Discs	9102	LEVOFLOXACIN LEV 5 mg 250 Discs
9071/1	AMPHOTERICIN B AMB 20 mg 50 Discs	9102/1	LEVOFLOXACIN LEV 5 mg 50 Discs
9072	ECONAZOLE ECN 10 mg 250 Discs	9103	MOXIFLOXACIN MOX 5 mg 250 Discs
9072/1	ECONAZOLE ECN 10 mg 50 Discs	9103/1	MOXIFLOXACIN MOX 5 mg 50 Discs
9073	FLUCYTOSINE AFY 1 mg 250 Discs	9104	CEFEPRIME FEP 30 mg 250 Discs
9073/1	FLUCYTOSINE AFY 1 mg 50 Discs	9104/1	CEFEPRIME FEP 30 mg 50 Discs
9074	GRISOFULVIN AGF 10 mg 250 Discs	9105	AZITHROMYCN AZM 15 mg 250 Discs
9074/1	GRISOFULVIN AGF 10 mg 50 Discs	9105/1	AZITHROMYCN AZM 15 mg 50 Discs
9075	KETOCONAZOLE KCA 10 mg 250 Discs	9106	MYCAXAMYCN MK 15 mg 250 Discs
9075/1	KETOCONAZOLE KCA 10 mg 50 Discs	9106/1	MYCAXAMYCN MK 15 mg 50 Discs
9076	METRONIDAZOLE MTZ 5 mg 250 Discs	9107	ITRACONAZOLE ITC 50 mg 250 Discs
9076/1	METRONIDAZOLE MTZ 5 mg 50 Discs	9107/1	ITRACONAZOLE ITC 50 mg 50 Discs
9077	MICONAZOLE MCL 10 mg 250 Discs	9108	CEFOPERAZONE CFP 75 mg 250 Discs
9077/1	MICONAZOLE MCL 10 mg 50 Discs	9108/1	CEFOPERAZONE CFP 75 mg 50 Discs

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9108	FOFOMYCIN (includes C-6-p) FOS 200 mg 250 Discs	9142/1	STREPTOMYCIN S 300 mg 50 Discs
9108/1	FOFOMYCIN (includes C-6-p) FOS 200 mg 50 Discs	9143	CEFEPIME-CLAVULANIC ACID FEL 40 mg 250 Discs
9110	TRIMETHOPRIM TM 5 mg 250 Discs	9144	Cefdinir-Cloxacillin FOC 230 mg 250 Discs
9110/1	TRIMETHOPRIM TM 5 mg 50 Discs	9144/1	Cefdinir-Cloxacillin FOC 230 mg 50 Discs
9111	FUSIDIC ACID FC 30 mg 250 Discs	9145	CEFTAZIDIME-CLAVULANIC ACID CAL 40 mg 250 Discs
9111/1	FUSIDIC ACID FC 30 mg 50 Discs	9145/1	CEFTAZIDIME-CLAVULANIC ACID CAL 40 mg 50 Discs
9112	CEFDROXIL CDR 30 mg 250 Discs	9146	CLINDAMYCN CD 10 mg 250 Discs
9112/1	CEFDROXIL CDR 30 mg 50 Discs	9146/1	CLINDAMYCN CD 10 mg 50 Discs
9113	LOMEFLOXACIN LOM 10 mg 250 Discs	9147	TISECYLIN TSC 15 mg 250 Discs
9113/1	LOMEFLOXACIN LOM 10 mg 50 Discs	9147/1	TISECYLIN TSC 15 mg 50 Discs
9115	AMPICILLIN AMP 2 mg 250 Discs	9148	FLUCYTOSINE AFY 10 mg 250 Discs
9115/1	AMPICILLIN AMP 2 mg 50 Discs	9148/1	FLUCYTOSINE AFY 10 mg 50 Discs
9116	LINCOMYCIN MY 15 mg 250 Discs	9150	SULFADIAZINE SUZ 300 mg 250 Discs
9116/1	LINCOMYCIN MY 15 mg 50 Discs	9150/1	SULFADIAZINE SUZ 300 mg 50 Discs
9117	NOVOBIOICIN NO 5 mg 250 Discs	9151	AMOXICILLIN AMX 2 mg 250 Discs
9117/1	NOVOBIOICIN NO 5 mg 50 Discs	9151/1	AMOXICILLIN AMX 2 mg 50 Discs
9118	RIFAMPICIN RD 5 mg 250 Discs	9152	CEFOTAXIME CTX 5 mg 250 Discs
9118/1	RIFAMPICIN RD 5 mg 50 Discs	9152/1	CEFOTAXIME CTX 5 mg 50 Discs
9119	METRONIDAZOLE MTZ 50 mg 250 Discs	9153	CEFOTAXIME CTX 10 mg 250 Discs
9119/1	METRONIDAZOLE MTZ 50 mg 50 Discs	9153/1	CEFOTAXIME CTX 10 mg 50 Discs
9120	POLYMYXIN B PB 300 IU 250 Discs	9154	DORIPENEM DOR 10 mg 250 Discs
9120/1	POLYMYXIN B PB 300 IU 50 Discs	9154/1	DORIPENEM DOR 10 mg 50 Discs
9121	FOFOMYCIN (includes C-6-p) FOS 100 mg 250 Discs	9155	LINEZOLID LINZ 10 mg 250 Discs
9121/1	FOFOMYCIN (includes C-6-p) FOS 100 mg 50 Discs	9155/1	LINEZOLID LINZ 10 mg 50 Discs
9122	AMPLICLOX (Ampicillin-Cloxacillin) ACL 30 mg 250 Discs	9156	MECILLINAM MEC 10 mg 250 Discs
9122/1	AMPLICLOX (Ampicillin-Cloxacillin) ACL 30 mg 50 Discs	9156/1	MECILLINAM MEC 10 mg 50 Discs
9124	GENTAMICIN GN 120 mg 250 Discs	9157	MUPIROCIN MUP 200 mg 250 Discs
9124/1	GENTAMICIN GN 120 mg 50 Discs	9157/1	MUPIROCIN MUP 200 mg 50 Discs
9125	GENTAMICIN GN 30 mg 250 Discs	9158	NITROFURANTOIN F 100 mg 250 Discs
9125/1	GENTAMICIN GN 30 mg 50 Discs	9158/1	NITROFURANTOIN F 100 mg 50 Discs
9126	SULFONAMIDE S3 300 mg 250 Discs	9159	PIPERACILLIN PRL 30 mg 250 Discs
9126/1	SULFONAMIDE S3 300 mg 50 Discs	9159/1	PIPERACILLIN PRL 30 mg 50 Discs
9127	PENICILLIN G P 2 IU 250 Discs	9160	PIPERACILLIN-TAZOBACTAM TAZP 36 mg 250 Discs
9127/1	PENICILLIN G P 2 IU 50 Discs	9160/1	PIPERACILLIN-TAZOBACTAM TAZP 36 mg 50 Discs
9128	CHLORAMPHENICOL C 10 mg 250 Discs	9161	QUINUPRISTIN-DALFOPRISTIN QDA 15 mg 250 Discs
9128/1	CHLORAMPHENICOL C 10 mg 50 Discs	9161/1	QUINUPRISTIN-DALFOPRISTIN QDA 15 mg 50 Discs
9129	SULBACTAM SU 200 mg 250 Discs	9162	STREPTOMYCIN S 300 mg 250 Discs
9129/1	SULBACTAM SU 200 mg 50 Discs	9162/1	STREPTOMYCIN S 300 mg 50 Discs
9130	PENICILLIN G P 1 IU 250 Discs	9163	TOBRAMYCN TOB 30 mg 250 Discs
9130/1	PENICILLIN G P 1 IU 50 Discs	9163/1	TOBRAMYCN TOB 30 mg 50 Discs
9131	SODIUM FUSIDATE FC 30 250 Discs	9164	VANCOMYCIN VA 5 mg 250 Discs
9131/1	SODIUM FUSIDATE FC 30 50 Discs	9164/1	VANCOMYCIN VA 5 mg 50 Discs
9132	SULFAPYRIM SXT 50 mg 250 Discs	9165	CASPOFUNGIN CAS 5 mg 250 Discs
9132/1	SULFAPYRIM SXT 50 mg 50 Discs	9165/1	CASPOFUNGIN CAS 5 mg 50 Discs
9133	AMOXICILLIN AMX 10 mg 250 Discs	9166	FLUCONAZOLE FLU 25 mg 250 Discs
9133/1	AMOXICILLIN AMX 10 mg 50 Discs	9166/1	FLUCONAZOLE FLU 25 mg 50 Discs
9134	CEFOTAXIME CTX 75 mg 250 Discs	9167	POSACONAZOLE POS 5 mg 250 Discs
9134/1	CEFOTAXIME CTX 75 mg 50 Discs	9167/1	POSACONAZOLE POS 5 mg 50 Discs
9135	OXACILLIN OX 500 mg 250 Discs	9168	VORICONAZOLE VO 1 mg 250 Discs
9135/1	OXACILLIN OX 500 mg 50 Discs	9168/1	VORICONAZOLE VO 1 mg 50 Discs
9136	LINEZOLID LINZ 300 mg 250 Discs	9169	GATIFLOXACIN GAT 5 mg 250 Discs
9136/1	LINEZOLID LINZ 300 mg 50 Discs	9169/1	GATIFLOXACIN GAT 5 mg 50 Discs
9137	AMPHOTERICIN B AMB 10 mg 250 Discs	9170	NETILMICIN NET 10 mg 250 Discs
9137/1	AMPHOTERICIN B AMB 10 mg 50 Discs	9170/1	NETILMICIN NET 10 mg 50 Discs
9138	ITRACONAZOLE ITC 8 mg 250 Discs	9171	PHENOXYMETHYLPENICILLIN PV 10 mg 250 Discs
9138/1	ITRACONAZOLE ITC 8 mg 50 Discs	9171/1	PHENOXYMETHYLPENICILLIN PV 10 mg 50 Discs
9140	KETOCONAZOLE KCA 15 mg 250 Discs	9172	TELITHROMYCIN TEL 15 mg 250 Discs
9140/1	KETOCONAZOLE KCA 15 mg 50 Discs	9172/1	TELITHROMYCIN TEL 15 mg 50 Discs
9141	COLISTIN SULFATE CS 30 UI 250 Discs	9173	LORACARBEEF LOR 30 mg 250 Discs
9141/1	COLISTIN SULFATE CS 30 UI 50 Discs	9173/1	LORACARBEEF LOR 30 mg 50 Discs
9142	STREPTOMYCIN S 300 mg 250 Discs		

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9174	NAFOLLIN NAF 1 ug	250 Discs
9174/1	NAFOLLIN NAF 1 ug	50 Discs
9175	MEROPEM-CL-OXACILLIN MR+CL	250 Discs
9175/1	MEROPEM-CL-OXACILLIN MR+CL	50 Discs
9176	Meropepen + Phenylboronic acid	MR + BO 250 Discs
9176/1	Meropepen + Phenylboronic acid	MR + BO 50 Discs
9177	MEROPEM-DIPICOLINIC ACID MR+OP	250 Discs
9177/1	MEROPEM-DIPICOLINIC ACID MR+OP	50 Discs
9178	Meropepen + EDTA	MR + ED 250 Discs
9178/1	Meropepen + EDTA	MR + ED 50 Discs
9179	AMOXICILLIN AML 25 ug	250 Discs
9179/1	AMOXICILLIN AML 25 ug	50 Discs
9181	NITROFURANTOIN F 50 ug	250 Discs
9181/1	NITROFURANTOIN F 50 ug	50 Discs
9182	CEFOTAXIME-CLAVULANIC ACID CTLL 40 ug	250 Discs
9182/1	CEFOTAXIME-CLAVULANIC ACID CTLL 40 ug	50 Discs
9183	Impipem + EDTA	IMI + ED 250 Discs
9183/1	Impipem + EDTA	IMI + ED 50 Discs
9184	COLISTIN SULFATE CS 25 ug	250 Discs
9184/1	COLISTIN SULFATE CS 25 ug	50 Discs
9185	CEPHROME CR 30 ug	250 Discs
9185/1	CEPHROME CR 30 ug	50 Discs
9186	TEMOCILLIN TMO 30 ug	250 Discs
9186/1	TEMOCILLIN TMO 30 ug	50 Discs
9187	Sulfamethoxazole SMX 100 ug	250 Discs
9187/1	Sulfamethoxazole SMX 100 ug	50 Discs
9188	Meronidazole MTZ 10 ug	250 Discs
9188/1	Meronidazole MTZ 10 ug	50 Discs
9189	MUPIROcin MUP 5 ug	250 Discs
9189/1	CEFDIOXIME-CLAVULANIC ACID PXL 11 ug	250 Discs
9190	CEFDIOXIME-CLAVULANIC ACID PXL 11 ug	50 Discs
9190/1	AMOXICILLIN-CLAVULANIC ACID AUG 3 ug	250 Discs
9191	AMOXICILLIN-CLAVULANIC ACID AUG 3 ug	50 Discs
9192	ROKITAMYCIN ROK 30 ug	250 Discs
9192/1	ROKITAMYCIN ROK 30 ug	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 ug	250 Discs
9195/1	CEFTAROLINE CPT 5 ug	50 Discs
9196	CEFTAROLINE CPT 30 ug	250 Discs
9196/1	CEFTAROLINE CPT 30 ug	50 Discs
9199	ERTAPENEM-CL-OXACILLIN ET+CL	250 Discs
9199/1	ERTAPENEM-CL-OXACILLIN ET+CL	50 Discs
9201	ORITAVANCIN ORI 25 ug	250 Discs
9201/1	ORITAVANCIN ORI 25 ug	50 Discs
9202	Enrapem-Phenylboronic acid	ET+BO 250 Discs
9202/1	Enrapem-Phenylboronic acid	ET+BO 50 Discs
9203	Cefadroxime-Clavulanic acid-Clavacillin CTLC	250 Discs
9203/1	Cefadroxime-Clavulanic acid-Clavacillin CTLC	50 Discs
9204	Cefadroxime-Clavulanic acid-Clavacillin CALC	250 Discs
9204/1	Cefadroxime-Clavulanic acid-Clavacillin CALC	50 Discs
9205	Cefadroxime-subactam CZA 50 ug	250 Discs
9205/1	Cefadroxime-subactam CZA 50 ug	50 Discs
9206	Cefadroxime-subactam CZA 14 ug	250 Discs
9206/1	Cefadroxime-subactam CZA 14 ug	50 Discs
9207	Urofloxacin ULI 5 ug	250 Discs
9207/1	Urofloxacin ULI 5 ug	50 Discs

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920191	BACITRACIN BA 0.016-256 10 MIC Tests
92020	CEFOTETAN CTT 0.016-256 30 MIC Tests
92020/1	CEFOTETAN CTT 0.016-256 100 MIC Tests
92021	AMOXICILLIN AML 0.016-256 30 Tests
92021/1	AMOXICILLIN AML 0.016-256 100 MIC Tests
92022	NITROFURANTOIN F 0.032-512 100 MIC Tests
92022/1	NITROFURANTOIN F 0.032-512 100 MIC Tests
92023	CEFDIOXIME PX 0.016-256 100 MIC Tests
92023/1	CEFDIOXIME PX 0.016-256 100 MIC Tests
92024	AMOXICILLIN AML 0.016-256 10 MIC Tests
92024/1	AMOXICILLIN AML 0.016-256 100 MIC Tests
92025	RIFAMPICIN RD 0.016-256 10 MIC Tests
92025/1	RIFAMPICIN RD 0.016-256 100 MIC Tests
92026	QUIN-DALFORIST QDA 0.002-32 30 MIC Tests
92026/1	QUIN-DALFORIST QDA 0.002-32 100 MIC Tests
92027	AMPIC/ISULAV 2/1 AMS 0.016-256 30 MIC Tests
92027/1	AMPIC/ISULAV 2/1 AMS 0.016-256 100 MIC Tests
92028	SULBACTAM SUL 0.016-256 30 MIC Tests
92028/1	SULBACTAM SUL 0.016-256 100 MIC Tests
92029	TEMOCILLIN TMO 0.064-1024 100 MIC Tests
92029/1	TEMOCILLIN TMO 0.064-1024 100 MIC Tests
92030	AZITHROMYCIN AZM 0.016-256 100 MIC Tests
92030/1	AZITHROMYCIN AZM 0.016-256 100 MIC Tests
92031	SULFAMETOXAZOLE SMX 0.064-1024 100 MIC Tests
92031/1	SULFAMETOXAZOLE SMX 0.064-1024 100 MIC Tests
92032	MINOCYCLINE MN 0.016-256 10 MIC Tests
92032/1	MINOCYCLINE MN 0.016-256 100 MIC Tests
92033	ENROFLOXACIN ENR 0.002-32 100 MIC Tests
92033/1	ENROFLOXACIN ENR 0.002-32 100 MIC Tests
92034	SPECTINOMYCIN SPC 0.064-1024 100 MIC Tests
92034/1	SPECTINOMYCIN SPC 0.064-1024 100 MIC Tests
92035	OXACILLIN OX 0.016-256 30 MIC Tests
92035/1	OXACILLIN OX 0.016-256 100 MIC Tests
92036	CEFTIOXIME CZX 0.016-256 30 MIC Tests
92036/1	CEFTIOXIME CZX 0.016-256 100 MIC Tests
92037	MECILLINAM MEC 0.002-32 30 MIC Tests
92037/1	MECILLINAM MEC 0.002-32 100 MIC Tests
92038	AMIKACIN AK 0.016-256 30 MIC Tests
92038/1	AMIKACIN AK 0.016-256 100 MIC Tests
92039	BACITRACIN BA 0.016-256 30 MIC Tests
92039/1	BACITRACIN BA 0.016-256 100 MIC Tests
92040	DORPENEM DOR 0.002-32 30 MIC Tests
92040/1	DORPENEM DOR 0.002-32 100 MIC Tests
92041	Pefloxacin PEF 0.016-256 mg/L
92041/1	Pefloxacin PEF 0.016-256 mg/L
92042	CEFTRIAXONE CRO 0.016-256 100 MIC Tests
92042/1	CEFTRIAXONE CRO 0.016-256 100 MIC Tests
92043	CEFTAROLINE CPT 0.002-32 100 MIC Tests
92043/1	CEFTAROLINE CPT 0.002-32 100 MIC Tests
92044	CLOXACILLIN CX 0.016-256 30 MIC Tests
92044/1	CLOXACILLIN CX 0.016-256 100 MIC Tests
92045	CIPROFLOXACIN CIP 0.002-32 30 MIC Tests
92045/1	CIPROFLOXACIN CIP 0.002-32 100 MIC Tests
92046	SPRAMYCIN SP 0.002-32 30 MIC Tests
92046/1	SPRAMYCIN SP 0.002-32 100 MIC Tests
92047	CLARITHROMYCIN CLR 0.016-256 30 MIC Tests
92047/1	CLARITHROMYCIN CLR 0.016-256 100 MIC Tests
92048	CEFTAROLINE CPT 0.016-256 30 MIC Tests
92048/1	CEFTAROLINE CPT 0.016-256 100 MIC Tests
92049	CEFTAROLINE CPT 0.016-256 100 MIC Tests
92049/1	CEFTAROLINE CPT 0.016-256 100 MIC Tests
92050	FOSMIDOMYCIN FOM 0.016-256 30 MIC Tests
92050/1	FOSMIDOMYCIN FOM 0.016-256 100 MIC Tests
92051	ERYTHROMYCIN E 0.016-256 30 MIC Tests
92051/1	ERYTHROMYCIN E 0.016-256 100 MIC Tests
92052	ERYTHROMYCIN E 0.016-256 100 MIC Tests
92052/1	ERYTHROMYCIN E 0.016-256 100 MIC Tests
92053	TELAVANCIN TLV 0.002-32 100 MIC Tests
92053/1	TELAVANCIN TLV 0.002-32 100 MIC Tests
92054	IMPENEM IMI 0.002-32 30 MIC Tests
92054/1	IMPENEM IMI 0.002-32 100 MIC Tests
92055	IMPENEM IMI 0.002-32 100 MIC Tests
92055/1	IMPENEM IMI 0.002-32 100 MIC Tests
92056	CEFTIBUTEN CTB 0.002-32 30 MIC Tests
92056/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92057	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92057/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92058	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92058/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92059	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92059/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92060	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92060/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92061	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92061/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92062	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92062/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92063	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92063/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92064	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92064/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92065	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92065/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92066	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92066/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92067	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92067/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92068	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92068/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92069	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92069/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92070	CEFTIBUTEN CTB 0.002-32 100 MIC Tests
92070/1	CEFTIBUTEN CTB 0.002-32 100 MIC Tests

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920721	CLINDAMYCIN CD 0.016:256 to 10 MIC Tests	921211	TOBRAMYCIN TOB 0.016:256 to 10 Tests
92075	CHLORAMPHENICOL C 0.016:256 to 30 MIC Tests	92123	TRIM/SULFAM SXT 0.002:32 to 30 MIC Tests
920750	CHLORAMPHENICOL C 0.016:256 to 100 MIC Tests	921230	TRIM/SULFAM SXT 0.002:32 to 100 MIC Tests
920751	CHLORAMPHENICOL C 0.016:256 to 10 MIC Tests	921231	TRIM/SULFAM SXT 0.002:32 to 10 MIC Tests
92078	FOSEMYCIN FOS 0.016:256 to 30 MIC Tests	92126	CEFEPIME FEP 0.016:256 to 30 MIC Tests
920780	FOSEMYCIN FOS 0.016:256 to 100 MIC Tests	921260	CEFEPIME FEP 0.016:256 to 100 MIC Tests
920781	FOSEMYCIN FOS 0.016:256 to 10 MIC Tests	921281	CEFEPIME FEP 0.016:256 to 10 MIC Tests
92079	FOSEMYCIN FOS 0.064:1024 to 30 MIC Tests	92127	CEFEPIME FEP 0.002:32 µg/ml 30 MIC Tests
920790	FOSEMYCIN FOS 0.064:1024 to 100 MIC Tests	921270	CEFEPIME FEP 0.002:32 µg/ml 100 MIC Tests
920791	FOSEMYCIN FOS 0.064:1024 to 10 MIC Tests	921271	CEFEPIME FEP 0.002:32 µg/ml 10 MIC Tests
92081	LEVOFLOXACIN LEV 0.002:32 to 30 MIC Tests	92129	CEFUROXIME CXM 0.016:256 to 30 MIC Tests
920810	LEVOFLOXACIN LEV 0.002:32 to 100 MIC Tests	921290	CEFUROXIME CXM 0.016:256 to 100 MIC Tests
920811	LEVOFLOXACIN LEV 0.002:32 to 10 MIC Tests	921291	CEFUROXIME CXM 0.016:256 to 10 MIC Tests
92084	MEROPENEM MRP 0.002:32 to 30 MIC Tests	92132	NALIDIXIC ACID NA 0.016:256 to 30 MIC Tests
920840	MEROPENEM MRP 0.002:32 to 100 MIC Tests	921320	NALIDIXIC ACID NA 0.016:256 to 100 MIC Tests
920841	MEROPENEM MRP 0.002:32 to 10 MIC Tests	921321	NALIDIXIC ACID NA 0.016:256 to 10 MIC Tests
92087	METRONIDAZOLE MTZ 0.016:256 to 30 MIC Tests	92135	LINEZOLID LZM 0.016:256 to 30 MIC Tests
920870	METRONIDAZOLE MTZ 0.016:256 to 100 MIC Tests	921350	LINEZOLID LZM 0.016:256 to 100 MIC Tests
920871	METRONIDAZOLE MTZ 0.016:256 to 10 MIC Tests	921351	LINEZOLID LZM 0.016:256 to 10 MIC Tests
92090	MOMFLORACIN MFX 0.002:32 to 30 MIC Tests	92136	TEZOLID TZD 0.002:32 to 30 MIC Tests
920900	MOMFLORACIN MFX 0.002:32 to 100 MIC Tests	921360	TEZOLID TZD 0.002:32 to 100 MIC Tests
920901	MOMFLORACIN MFX 0.002:32 to 10 MIC Tests	921361	TEZOLID TZD 0.002:32 to 10 MIC Tests
92093	NETILMICIN NET 0.016:256 to 30 MIC Tests	92137	Dalbavancin DAL 0.002:32 to 30 MIC Tests
920930	NETILMICIN NET 0.016:256 to 100 MIC Tests	921370	Dalbavancin DAL 0.002:32 to 100 MIC Tests
920931	NETILMICIN NET 0.016:256 to 10 MIC Tests	921371	Dalbavancin DAL 0.002:32 to 10 MIC Tests
92096	NORFL OXACIN NOR 0.016:256 to 30 MIC Tests	92138	CEFTAZIDIME CAZ 0.016:256 to 30 MIC Tests
920960	NORFL OXACIN NOR 0.016:256 to 100 MIC Tests	921380	CEFTAZIDIME CAZ 0.016:256 to 100 MIC Tests
920961	NORFL OXACIN NOR 0.016:256 to 10 MIC Tests	921381	CEFTAZIDIME CAZ 0.016:256 to 10 MIC Tests
92099	OFLAXACIN OFX 0.002:32 to 30 MIC Tests	92140	Cefibiprol BPR 0.002:32 µg/ml 30 MIC Tests
920990	OFLAXACIN OFX 0.002:32 to 100 MIC Tests	921400	Cefibiprol BPR 0.002:32 µg/ml 100 MIC Tests
920991	OFLAXACIN OFX 0.002:32 to 10 MIC Tests	921401	Cefibiprol BPR 0.002:32 µg/ml 10 MIC Tests
92102	PENICILLIN G P 0.016:256 to 30 MIC Tests	92141	COLISTIN CS 0.016:256 to 30 MIC Tests
921020	PENICILLIN G P 0.016:256 to 100 MIC Tests	921410	COLISTIN CS 0.016:256 to 100 MIC Tests
921021	PENICILLIN G P 0.016:256 to 10 MIC Tests	921411	COLISTIN CS 0.016:256 to 10 MIC Tests
92103	PENICILLIN G P 0.002:32 to 30 MIC Tests	92142	COLISTIN CS 0.064:1024 to 30 MIC Tests
921030	PENICILLIN G P 0.002:32 to 100 MIC Tests	921420	COLISTIN CS 0.064:1024 to 100 MIC Tests
921031	PENICILLIN G P 0.002:32 to 10 MIC Tests	921421	COLISTIN CS 0.064:1024 to 10 MIC Tests
92105	PIPERACILLIN PIP 0.016:256 to 30 MIC Tests	92144	TIGECYCLIN TGC 0.016:256 to 30 MIC Tests
921050	PIPERACILLIN PIP 0.016:256 to 100 MIC Tests	921440	TIGECYCLIN TGC 0.016:256 to 100 MIC Tests
921051	PIPERACILLIN PIP 0.016:256 to 10 MIC Tests	921441	TIGECYCLIN TGC 0.016:256 to 10 MIC Tests
92108	PIPERAC/TAZOB T2P 0.016:256 to 30 MIC Tests	92145	DAPTOMYCIN DAP 0.016:256 to 30 MIC Tests
921080	PIPERAC/TAZOB T2P 0.016:256 to 100 MIC Tests	921450	DAPTOMYCIN DAP 0.016:256 to 100 MIC Tests
921081	PIPERAC/TAZOB T2P 0.016:256 to 10 MIC Tests	921451	DAPTOMYCIN DAP 0.016:256 to 10 MIC Tests
92111	STREPTOMYCIN S 0.064:1024 to 30 Tests	92146	Ceftriaxone CTX 0.016:256 µg/ml 30 MIC Tests
921110	STREPTOMYCIN S 0.064:1024 to 100 MIC Tests	921460	Ceftriaxone CTX 0.016:256 µg/ml 100 MIC Tests
921111	STREPTOMYCIN S 0.016:256 µg/ml 30 MIC Tests	921461	Ceftriaxone CTX 0.016:256 µg/ml 10 MIC Tests
92112	Streptomycin S 0.016:256 µg/ml 30 Tests	921481	FLUCONAZOLE FLC 0.016:256 to 30 MIC Tests
921120	Streptomycin S 0.016:256 µg/ml 100 MIC Tests	921470	FLUCONAZOLE FLC 0.016:256 to 100 MIC Tests
921121	Streptomycin S 0.016:256 µg/ml 10 MIC Tests	921471	FLUCONAZOLE FLC 0.016:256 to 10 MIC Tests
92114	TETRACYCLINE TE 0.016:25 to 30 MIC Tests	92148	ITRACONAZOLE ITC 0.002:32 to 30 MIC Tests
921140	TETRACYCLINE TE 0.016:25 to 100 MIC Tests	921480	ITRACONAZOLE ITC 0.002:32 to 100 MIC Tests
921141	TETRACYCLINE TE 0.016:25 to 10 MIC Tests	921481	ITRACONAZOLE ITC 0.002:32 to 10 MIC Tests
92117	TOACR/CLAV TTC 0.016:256 to 30 MIC Tests	92149	FLUCYTOSIN FC 0.002:32 to 30 MIC Tests
921170	TOACR/CLAV TTC 0.016:256 to 100 MIC Tests	921490	FLUCYTOSIN FC 0.002:32 to 100 MIC Tests
921171	TOACR/CLAV TTC 0.016:256 to 10 MIC Tests	921491	FLUCYTOSIN FC 0.002:32 to 10 MIC Tests
92120	TORBRAMYCIN TOB 0.064:1024 to 30 MIC Tests	92150	VORICONAZOLE VO 0.002:32 to 30 MIC Tests
921200	TORBRAMYCIN TOB 0.064:1024 to 100 MIC Tests	921500	VORICONAZOLE VO 0.002:32 to 100 MIC Tests
921201	TORBRAMYCIN TOB 0.064:1024 to 10 MIC Tests	92151	VORICONAZOLE VO 0.002:32 to 10 MIC Tests
92121	TORBRAMYCIN TOB 0.016:256 to 30 Tests	921511	KETOCONAZOLE KE 0.002:32 to 30 MIC Tests
921210	TORBRAMYCIN TOB 0.016:256 to 100 Tests		

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921510	KETOPRONAZOLE HCl	0.002-32-100	MIC Tests	921710	ETHAMBUTOL	EB 0.016-256	30 MIC Tests
921511	KETOPRONAZOLE HCl	0.002-32-100	MIC Tests	921700	ETHAMBUTOL	EB 0.016-256	100 MIC Tests
921512	POSACONAZOLE POS	0.002-32-30	MIC Tests	921701	ETHAMBUTOL	EB 0.016-256	10 MIC Tests
921520	POSACONAZOLE POS	0.002-32-100	MIC Tests	921710	ISONAZIDE	IZ 0.016-256	30 MIC Tests
921521	POSACONAZOLE POS	0.002-32-30	MIC Tests	921710	ISONAZIDE	IZ 0.016-256	100 MIC Tests
92153	AMPHOTERICIN B	AMB 0.002-32-100	MIC Tests	921711	ISONAZIDE	IZ 0.016-256	10 MIC Tests
921530	AMPHOTERICIN B	AMB 0.002-32-100	MIC Tests	92172	ETHIONAMIDE ET	0.016-256	30 MIC Tests
921531	AMPHOTERICIN B	AMB 0.002-32-100	MIC Tests	921720	ETHIONAMIDE ET	0.016-256	100 MIC Tests
92154	CASPOFUNGIN CAS	0.002-32-30	MIC Tests	921721	ETHIONAMIDE ET	0.016-256	100 MIC Tests
921540	CASPOFUNGIN CAS	0.002-32-100	MIC Tests	92173	AZTRECONAM ATM	0.064-1024	30 MIC Tests
921541	CASPOFUNGIN CAS	0.002-32-100	MIC Tests	921730	AZTRECONAM ATM	0.064-1024	100 MIC Tests
92155	ANIDULAFUNGIN AND	0.002-32-30	MIC Tests	921731	AZTRECONAM ATM	0.064-1024	10 MIC Tests
921550	ANIDULAFUNGIN AND	0.002-32-100	MIC Tests	92174	CEFAZOLIN KZ	0.016-256	30 MIC Tests
921551	ANIDULAFUNGIN AND	0.002-32-100	MIC Tests	921740	CEFAZOLIN KZ	0.016-256	100 MIC Tests
92156	DOXYCYCLINE DXT	0.015-256	30 MIC Tests	921741	CEFAZOLIN KZ	0.016-256	10 MIC Tests
921560	DOXYCYCLINE DXT	0.016-256	100 MIC Tests	92180	AMOX/CLAV	2 µg/ml, AMC 0.016-256 ⁺	30 MIC Tests
921561	DOXYCYCLINE DXT	0.016-256	10 MIC Tests	921800	AMOX/CLAV	2 µg/ml, AMC 0.016-256 ⁺	100 MIC Tests
92157	ERTAPENEM ETP	0.002-32	30 MIC Tests	921801	AMOX/CLAV	2 µg/ml, AMC 0.016-256 ⁺	10 MIC Tests
921570	ERTAPENEM ETP	0.002-32	100 MIC Tests	92181	AMPC/ISULB	4 µg/ml, SAM 0.016-256 ⁺	30 MIC Tests
921571	ERTAPENEM ETP	0.002-32	10 MIC Tests	921810	AMPC/ISULB	4 µg/ml, SAM 0.016-256 ⁺	100 MIC Tests
92158	CEFTAZIDIME/CLAV	CAZ/CLM 30 Tests		921811	AMPC/ISULB	4 µg/ml, SAM 0.016-256 ⁺	10 MIC Tests
921590	CEFTAZIDIME/CLAV	CAZ/CLM 100 Tests		92182	MCAFUNGIN MYC	0.002-32	30 MIC Tests
921591	CEFTAZIDIME/CLAV	CAZ/CLM 100 Tests		921820	MCAFUNGIN MYC	0.002-32	100 MIC Tests
92160	CEFOT/CEFOT + CLAV	CTX/CTCL 30 MIC Tests		921821	MCAFUNGIN MYC	0.002-32	10 MIC Tests
921600	CEFOT/CEFOT + CLAV	CTX/CTCL 100 MIC Tests		92183	Tracilin TC	0.016-256 mg/L	30 MIC Tests
921601	CEFOT/CEFOT + CLAV	CTX/CTCL 10 MIC Tests		921830	Tracilin TC	0.016-256 mg/L	100 MIC Tests
92161	CEFE/CEFE + CLAV	FEPEL 30 MIC Tests		921831	Tracilin TC	0.016-256 mg/L	10 MIC Tests
921610	CEFE/CEFE + CLAV	FEPEL 100 MIC Tests		92184	Isavuconazole IVU	0.002-32 mg/L	30 MIC Tests
921615	CEFE/CEFE + CLAV	FEPEL 10 MIC Tests		921840	Isavuconazole IVU	0.002-32 mg/L	100 MIC Tests
921611	CEFE/CEFE + CLAV	FEPEL 10 MIC Tests		921840	Isavuconazole IVU	0.002-32 mg/L	10 MIC Tests
92162	IMPEN/IMP + EDTA	IMIMD 30 MIC Tests		92200	Tiamulin TIA	0.002-32	30 MIC Tests
921620	IMPEN/IMP + EDTA	IMIMD 100 MIC Tests		922000	Tiamulin TIA	0.002-32	100 MIC Tests
921621	IMPEN/IMP + EDTA	IMIMD 10 MIC Tests		922001	Tiamulin TIA	0.002-32	10 MIC Tests
92163	VANCOMYCIN/ANINA	VATEC 30 MIC Tests		92201	TILMICOSIN TIL	0.002-32	30 MIC Tests
921630	VANCOMYCIN/ANINA	VATEC 100 MIC Tests		922010	TILMICOSIN TIL	0.002-32	100 MIC Tests
921631	VANCOMYCIN/ANINA	VATEC 10 MIC Tests		922011	TILMICOSIN TIL	0.002-32	10 MIC Tests
92164	CEFOT/CEFOT + CLOX	CTT/CTCLO 0.5-320-5-32	30 MIC Tests	93001	EASY RID h-IgG		
921640	CEFOT/CEFOT + CLOX	CTT/CTCLO 0.5-320-5-32	100 MIC Tests	93002	EASY RID h-IgA		
921641	CEFOT/CEFOT + CLOX	CTT/CTCLO 0.5-320-5-32	10 MIC Tests	93003	EASY RID h-IgM		
92165	MEROPENEM/MEROPENEM + EDTA	MRP/MRD 0.125-80.032-2	100 MIC Tests	93004	EASY RID h-C3c		
921650	MEROPENEM/MEROPENEM + EDTA	MRP/MRD 0.125-80.032-2	100 MIC Tests	93005	EASY RID h-C4		
921651	MEROPENEM/MEROPENEM + EDTA	MRP/MRD 0.125-80.032-2	10 MIC Tests	93006	EASY RID h-Transferrin		
92166	IMPEN/IMP + EDTA	IMIMD 0.125-80.032-2	30 MIC Tests	93007	EASY RID h-Albumin		
92166	IMPEN/IMP + EDTA	IMIMD 0.125-80.032-2	100 MIC Tests	93008	EASY RID h-Apolipoprotein A1		
921680	IMPEN/IMP + EDTA	IMIMD 0.125-80.032-2	100 MIC Tests	93009	EASY RID h-Apolipoprotein B		
921681	IMPEN/IMP + EDTA	IMIMD 0.125-80.032-2	100 MIC Tests	93010	EASY RID h-A1 Acid Glycoprotein		
921681	MEROPENEM/MEROPENEM + PHENYLBORONIC ACID	MRP/MRD 0.125-80.032-2	100 MIC Tests	93011	EASY RID h-Fibrinogen III		
92167	MEROPENEM/MEROPENEM + PHENYLBORONIC ACID	MRP/MRD 0.125-80.032-2	100 MIC Tests	93012	EASY RID h-Antibiotin III		
921670	MEROPENEM/MEROPENEM + PHENYLBORONIC ACID	MRP/MRD 0.125-80.032-2	100 MIC Tests	93013	EASY RID h-Light Chain K		
921671	MEROPENEM/MEROPENEM + PHENYLBORONIC ACID	MRP/MRD 0.125-80.032-2	10 MIC Tests	93014	EASY RID h-Light Chain Lambda		
92168	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	100 MIC Tests	93015	Anti h-a1a I Antitrypsin		
921681	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	100 MIC Tests	93016	Anti h-Ceruloplasmin		
921680	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	100 MIC Tests	93018	Anti h-Haptoglobin		
921681	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	10 MIC Tests	93104	Multistate h-IgG/h-IgM		
92169	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	10 MIC Tests	93106	MULTIPLATE h-C3a/C4		
921690	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	100 MIC Tests	93110	MULTIPLATE h-A1/Apo B		
92169	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	10 MIC Tests	93115	MULTIPLATE h-Apo A/Apo B		
921690	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	100 MIC Tests	93021	BENCE JONES TEST		
921681	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	10 MIC Tests	93021	CONTROL SERUM		
921681	ERTAPENEM/ERTAPENEM + PHENYLBORONIC ACID	ETP/EPB 0.125-80.032-2	10 MIC Tests	93021	OPTOCHEM OPT		100 Days

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9502	Biotracin 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	ANAPROBES
95210	ENTEROCOCCI
95220	ENTEROBACTERIA 1
95230	ENTEROBACTERIA URINE
95240	ENTEROBACTERIA 2
95250	PSEUDOMONAS
95260	STAPH
95270	ACNETOBACTER
95280	YEASTS
95290	Shigito
95300	ENTEROBACTERIA
95390	PSEUDOMONAS ACINETOBACTER
95400	ENTEROCOCCI
95410	ANAPROBES
95420	STAPH/STREP
95430	ENTEROBACTERIA URINE
95440	ENTEROBACTERIA FROM URINE AND OTHER SAMPLE
95500	YEASTS
9555	MY-HAEMOPHILUS
9562	URIN-2
9563	MICE
9564	KGL I (Gram + ve) 1 x 100 Test
9565	KGL II (Gram - ve) 1 x 100 Test
9566	KGL III 100 Test
9567	MULTODISC A
9568	MULTODISC B
9569	MULTODISC C
9570	MULTODISC D
9571	MULTODISC A (100 Pz) (Tender106/2003)
9573	MULTODISC C (100 Pz) (Tender106/2003)
9574	MULTODISC D (100 Pz) (Tender106/2003)
9575	URINE RING (Tender238/2006)
9576	PSEUDOMONAS RING (Tender238/2006)
9577	GRAM NEGATIVE RING (Tender238/2006)
9578	GRAM POSITIVE RING (Tender238/2006)
95001	SALMONELLA TYPHI H 20 ml
95002	SALMONELLA TYPHI O 20 ml
95003	SALMONELLA PARATYPHI AH 20 ml
95004	SALMONELLA PARATYPHI AO 20 ml
95005	SALMONELLA PARATYPHI BH 20 ml
95006	SALMONELLA PARATYPHI BO 20 ml
95007	BRUCELLA TOTALE 20 ml
95008	BRUCELLA ABORTUS 20 ml
95009	SALMONELLA TYPHI TOTALE 20 ml CE
95010	SALMONELLA PARATYPHI A TOTALE 20 ml
95011	PROTEUS OX2 20 ml
95012	PROTEUS OXK 20 ml
95013	PROTEUS OX19 20 ml
95015	FEBRIE & MULTITEST KIT
95016	STREP-CHECK KIT
95017	STAPH LATEX KIT
95018	SALMONELLA PARATYPHI B TOTALE 20 ml
95019	SALMONELLA PARATYPHI CH 20 ml
95020	SALMONELLA PARATYPHI CO 20 ml

96021	SALMONELLA PARATYPHI C TOTALE 20 ml
96022	BRUCELLA MELTENSIS 20 ml
96023	BRUCELLA SUIIS 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 5 ml SLIDE
96043	BRUCELLA TOTALE SLIDE 5 ml SLIDE
96044	BRUCELLA ABORTUS 5 ml SLIDE
96045	BRUCELLA MELTENSIS SLIDE 5 ml
96046	BRUCELLA BENGAL ROSE SLIDE 5 ml
96047	PROTEUS OX2 5 ml SLIDE
96048	PROTEUS OX19 5 ml SLIDE
96049	PROTEUS OXK 5 ml SLIDE
96050	CONTROLLO NEGATIVE/NEGATIVE CONTROL 0.5ml
96056	POSITIVE CONTROL FOR SALMONELLA 0.5ml
96057	POSITIVE CONTROL FOR PROTEUS 0.5ml
96058	POSITIVE CONTROL FOR BRUCELLA 0.5ml
96142	Legionella Latex Kit
96143	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	Garda Card
96319	Listeria Monocytogenes Card
96320	Salmonella Ag Card
96321	O157 E.coli Card
96401	ONE STEP AMP DRMG SCREEN 20 CARDS
96404	ONE STEP CDC DRMG SCREEN
96405	ONE STEP THC DRMG SCREEN
96406	ONE STEP MAMP DRMG SCREEN 20 CARDS
96411	ONE STEP BRUPRENORPHINE DRMG SCREEN 20 CARDS
96415/20	FECAL OCCULT BLOOD CARD
96418	STREPTO A CARD 30 CARDS
96441	Gonorrhea 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
96465	AFP -ALFA FETO CARD 20 CARDS
96468	TUBERCULOSI CARD 20 CARDS
96480	lgM TOTAL CARD
96485	CEA CARD 20 Cards

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95487	MYOGL OBIN
95488	TROPONIN
95490	FERRITIN CARD
95495	SIFIDE CARD 20 CARDS
95499	IM MONONUCLEOSIS INFECTION 20 CARDS
95500	URINE STRIP
95900	GIOTTO READER
95909	BIOMIC V3
95914	BIOMIC V3 AST
95915	BIOMIC V3 ID
95916	BIOMIC V3 CC
95919	AST Software
95931	ID Software
95932	CC Software
95933	Microplate 96 jaszell Software

97900	ROTASTICK ONE STEP KIT 20 Tests
97901	RSV STICK ONE STEP 20 Tests
97902	ROTA/ADENO COMBI STICK ONE STEP 20 Tests
97903	H-PYLORI FECAL Ag ONE STEP 20 Tests
97905	STREP B STICK ONE STEP ASSAY 20 Tests
97907	ADENOSTICK ONE STEP ASSAY 20 Tests
9999	Blank Discs
99003	MP&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	MP&MBL FOXA-48 disc kit (acc. to EUCAST)
99008	ESBL AmpC screen disc kit
99009	AmpC disc kit

Direttore Tecnico/ Technical Director
Dr. Silvio Brocco



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 (loosening the cap partially removed) until completely dissolved. Then screw the cap and check the homogeneity of the dissolved medium, 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.

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.

Micro-organism	Growth
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Good
<i>Escherichia coli</i> 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

- ISO 16266:2008. Water Quality – Detection and enumeration of *Pseudomonas aeruginosa* – Method by membrane filtration.
- 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	10044
Nutrient Agar	90 mm ready-to-use plates	10044*
Nutrient Agar	Tubes	20 x 22 ml tubes
Nutrient Agar	Tubes	10 x 22 ml tubes
Nutrient Agar	Bottles	6 x 500 ml bottles
Nutrient Agar	Bottles	6 x 200 ml bottles
Nutrient Agar	Bottles	6 x 100 ml bottles
Nutrient Agar	Dehydrated medium	100 g of powder
Nutrient Agar	Dehydrated medium	500 g of powder
Nutrient Agar	Dehydrated medium	5 kg of powder
Nutrient Agar	Dehydrated medium	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 <10 tests		Caution, consult instruction for use	Do not reuse

LIOFILCHEM® s.r.l.

CE IVD

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GRAM COLOR KIT

DESCRIZIONE

GRAM COLOR KIT è un kit 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 termoisolamento e forniti di tappo goccia. 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
- 1 foglio istruzioni

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).

COMPOSIZIONE

Le soluzioni che compongono il GRAM COLOR KIT sono tutte soluzioni acquose ad eccezione della Soluzione Decolorante.

Tabella n°1

GRAM COLOR KIT			
Contenuto			
Soluzione Cristal Violetto	1	Cristal Violetto	2%
		Alcool etilico	20%
		Ossalato d'ammonio	0.8%
		Iodio	1.3%
Soluzione Lugol-PVP	2	Ioduro di potassio	2%
		PVP(Polivinilpirrolidone)	7%
		Alcool 95°C	50%
Soluzione Decolorante	3	Acetone	50%
		Safranina	0.25%
Soluzione Safranina	4	Safranina	0.25%
		Alcool etilico	10%

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

- Ricoprire il vetrino con la Soluzione Cristal Violetto. Attendere 1 minuto, quindi lavare delicatamente con acqua.
- Ricoprire il vetrino con la Soluzione Lugol-PVP. Attendere 1 minuto, quindi lavare delicatamente con acqua.
- Decolorare con la Soluzione Decolorante finché il preparato libera colorante (circa 30-60 secondi), quindi lavare delicatamente con acqua.
- Ricoprire il vetrino con la Soluzione Safranina. Attendere 30-60 secondi, quindi lavare delicatamente con acqua.
- Asciugare.
- 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 cocci 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

1. La colorazione di Gram fornisce una preliminare identificazione ma non sostituisce i normali studi culturali del campione.
2. Terapie antibiotiche possono rendere i batteri gram-positivi più sensibili alla decolorazione ed apparire di colore rosa-rosso invece di blu.
3. Le cellule prelevate da colture giovani di 18-24 ore hanno una maggiore affinità per i coloranti rispetto alle cellule prelevate da colture vecchie.
4. 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		
GRAM COLOR KIT	80293	4 x 250 ml

TABELLA DEI SIMBOLI

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



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F00411

Rev.2/ 13.09.2011



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 suppresses 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 through 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 has 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 signs 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.



IVD

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PRODUCT SPECIFICATIONS

NAME Bile Aesculin Azide Agar	
PRESENTATION Dehydrated medium	
STORAGE 10-30°C	
PACKAGING	
Ref.	Content
610001	500 g of powder in plastic bottle
620001	100 g of powder in plastic bottle
6100015	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

SHELF LIFE
4 years

QUALITY CONTROL

- Control of general characteristics, label and print
- Microbiological control
Inoculum for productivity: 50-100 CFU
Inoculum for selectivity: 10⁶-10⁸ CFU
Incubation Conditions: 18-24 h at 35 ± 2°C, in aerobiosis

Microorganism	Growth	Specification
<i>Enterococcus faecalis</i>	Good	Blackening
<i>Enterococcus faecium</i>	Good	Blackening
<i>Escherichia coli</i>	Inhibited	—
<i>Streptococcus pyogenes</i>	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	Contains sufficient for > tests	Caution, consult instructions for use	Do not reuse



IVD

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BISMUTH SULPHITE AGAR

Dehydrated medium for the isolation and differentiation of *Salmonella typhi* and other salmonellae

TYPICAL FORMULA (g/L)

Meat extract.....	5.0
Peptone.....	5.0
Tryptone.....	5.0
Glucose.....	5.0
Sodium phosphate.....	4.0
Ferrous sulphate.....	0.3
Bismuth sulphite indicator.....	8.0
Brilliant green.....	0.016
Agar.....	15.0
Final pH 7.6 ± 0.2	

DESCRIPTION

BISMUTH SULPHITE AGAR is a modification of the original Wilson and Blair selective medium for the isolation and preliminary identification of *Salmonella typhi* and other salmonellae from pathological material, sewage, water supplies, food and other products suspected of containing these pathogens.

PRINCIPLE

Meat extract, peptone and tryptone provide nitrogen, carbon, sulphur and other essential growth factors. Glucose is the source of energy. Bismuth sulphite acts together with brilliant green as a selective agent by suppressing the growth of coliforms, whilst permitting the growth of salmonellae. Sulphur compounds provide a substrate for hydrogen sulphide production, so colonies H₂S-positive salmonellae exhibit blackening, whilst the reduction of bismuth ions to metallic bismuth produces a metallic lustre around of the colonies.

PREPARATION

Suspend 47.3 g of powder in 1 litre of distilled or deionized water. Heat to boiling and shake until completely dissolved. Do not overheat. DO NOT AUTOCLAVE. Dispense in Petri dishes.

TECHNIQUE

Inoculate by thinly spreading the sample or material from an enriched culture on the surface of the medium.
Incubate up to about 48 hours at 36 ± 1 °C aerobically.

INTERPRETATION OF RESULTS

The freshly prepared medium is strongly inhibitory and is thus especially suitable for heavily contaminated samples.
The metallic lustre of the colonies usually only appears after 48 hours on incubation. After 4 days storage at 4 °C the inhibitory action of the medium is not as strong as it should then be used for less heavily contaminated specimens: in this case the metallic lustre appears after a shorter period of incubation.

Salmonella colonies, with the exception of *S. paratyphi A* and *S. pullorum*, often display blackening after 18 hours of incubation, the metallic sheen appears several hours later depending on the age of the medium.
Coliform bacteria, *Serratia*, *Proteus* appear as small colonies, green to brown in colour, sometimes mucoid.

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 media at 2-8 °C.

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

- American Public Health Association: Compendium of methods for Microbiological Examination of Foods, 3rd ed., 1992.
- McCoy, J.H.: The isolation of Salmonellae, J Appl Bact., 25: 213-224 (1962).
- United States Pharmacopoeia XXIII, Chapter "Microbial Limit Tests", 1995.
- Wilson, W.J., a Blair, E.M. McV.: Further experience of the bismuth sulfite media in the isolation of *Bacillus typhosus* and *Bacillus paratyphosus B* from faeces, sewage and water. J.Hyg. 31: 135-161 (1931).

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PRODUCT SPECIFICATIONS

NAME
BISMUTH SULPHITE AGAR

PRESENTATION
Dehydrated culture medium

STORAGE
10-30 °C

PACKAGING

Code	Content	Packaging
610301	500 gr	500 gr of powder in plastic bottle
620301	100 gr	100 gr of powder in plastic bottle

pH OF THE MEDIUM
7.6 ± 0.2

USE

BISMUTH SULPHITE AGAR is a modification of the original Wilson and Blair selective medium for the isolation and preliminary identification of *Salmonella typhi* and other salmonellae from pathological material, sewage, water supplies, food and other products suspected of containing these pathogens.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Dehydrated medium

Appearance: free-flowing, homogeneous.

Colour: light green coloured

Prepared medium

Appearance: turbid

Colour: pale green

SHELF LIFE

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

Inoculum for productivity: 10-100 UFC/ml

Inoculum for selectivity: 10⁶-10⁷ UFC/ml

Inoculum for specificity: ≤ 10⁴ UFC/ml

Incubation conditions: 24 hours at 36 ± 1 °C, in aerobiosis

Microorganisms	Growth	Black centre	Metallic sheen
<i>Salmonella typhimurium</i>	ATCC 14028	Good	+
<i>Escherichia coli</i>	ATCC 25922	Poor	-
<i>Proteus mirabilis</i>	ATCC 25905	Good	-
<i>Staphylococcus aureus</i>	ATCC 25923	None/poor	-

TABLE of SYMBOLS

Symbol	Meanings
REF	Catalogue number
IVD	In vitro Diagnostic Medical Device
MA	Manufacturer
TL	Temperature limitation
KT	Kit content
UB	Use by
LOT	Batch code
DN	Do not reuse
CD	Consult accompanying documents





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 pre-enrichment 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
<i>Escherichia coli</i> □ □ □	25922	good
<i>Staphylococcus aureus</i>	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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PRESENTATION

Product	REF	
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 c.p. tests	IVD	In Vivo Diagnostic Medical Device
REF	Catalogue number	Fragile, handle with care	Use by	Temperature limitation		Keep away from heat source

Fluid Thioglycollate Medium

Liquid medium for sterility test and cultivation of fastidious anaerobic and aerobic microorganisms, according to Harmonized USP/EP/IP 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-Cysteine	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-cysteine 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 and 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* inoculate 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.

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
<i>Bacillus subtilis</i>	ATCC® 6633 Visible turbidity
<i>Clostridium sporogenes</i>	ATCC® 19404 Visible turbidity
<i>Escherichia coli</i>	ATCC® 8739 Visible turbidity
<i>Pseudomonas aeruginosa</i>	ATCC® 9027 Visible turbidity
<i>Staphylococcus aureus</i>	ATCC® 6538 Visible turbidity
<i>Candida albicans</i>	ATCC® 10231 Visible turbidity
<i>Aspergillus brasiliensis</i>	ATCC® 16404 Visible turbidity
<i>Clostridium perfringens</i>	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

- ISO 11133:2014, Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.
- ISO 7937:2004, Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of *Clostridium perfringens* – Colony count technique.
- United States Pharmacopoeial Convention (2008), The United States Pharmacopoeia, 31st (the National formulary 26, Supp. 1, 8-1-08, online.
- European Directorate for the Quality of Medicines and Healthcare, 2008. The European pharmacopoeia, 6th ed., Supp. 1, 4-1-08, online.
- Japanese Ministry of Health, Labour and Welfare, 2006. The Japanese pharmacopoeia, 15th ed., online.
- 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	Flammable, handle with care	Keep away from sunlight
REF	Catalogue number		Temperature limitation	Contains sufficient for <ms> tests	Caution, consult Instruction for Use	Do not reuse	

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Sabouraud Dextrose Broth

Liquid medium for the cultivation of yeasts and moulds from different materials, according to USP/EP/IP.

DESCRIPTION

Sabouraud Dextrose Broth (SDB) is a liquid medium recommended for use in qualitative procedures for isolation of yeasts and moulds and for the culture or subculture of fungi from clinical and nonclinical specimens.

This medium conforms to the requirements 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.

TYPICAL FORMULA

	(g/l)
Pancreatic Digest of Casein	5.0
Peptic Digest of Animal Tissue	5.0
Dextrose	20.0
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. 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 30 g of the powder in 1 liter of distilled or de-ionized water. Mix well. Heat to boil shaking frequently until completely dissolved. Dispense into appropriate containers. Sterilize in autoclave at 121°C for 15 minutes.

TEST PROCEDURE

For use in medical microbiology

Inoculate the specimen directly into the broth. Incubate aerobically at 25°C for 2-7 days (incubation conditions may vary according to the type of specimen and the microorganisms being tested for).

For use in industrial microbiology

To prepare the fungal test strains grow *C. albicans* or *A. brasiliensis* at 20-25°C for 48-72 hours or 5-7 days, respectively.

To test for *C. albicans*, inoculate the preparation of the product to be examined 1:100 in SDB and incubate at 30-35°C for 3-5 days. Subculture on a plate of Sabouraud Dextrose Agar (ref. 10035).

INTERPRETING RESULTS

Turbidity indicates microbial growth.

APPEARANCE

Dehydrated medium: free-flowing, homogeneous, light beige.

Prepared medium: clear, light amber, may have a slight precipitate.

STORAGE

The powder is very hygroscopic, store the powder at 10-30°C, in a dry environment, in its original container tightly closed. Store tubes and bottles 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/tubes: 2 years.

QUALITY CONTROL

The medium is inoculated with the microbial strains indicated in the QC table. Incubation for productivity: ≤100 CFU. Incubation conditions: 32.5 ± 2.5°C for 48-72 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
<i>Candida albicans</i> ATCC® 10231	Good
<i>Aspergillus brasiliensis</i> ATCC® 16404	Good
<i>Saccharomyces cerevisiae</i> ATCC® 9763	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

- European Pharmacopoeia 6.5 (2009) 2.6.13. Microbiological examination of non-sterile products: Test for specified microorganisms.
- United States Pharmacopoeia 32 NF 27 (2009) <62> Microbiological examination of non-sterile products: Test for specified microorganisms.
- Japanese Pharmacopoeia 4.05 (2008) Microbiological examination of non-sterile products: Test for specified microorganisms.
- Sabouraud, R. (1892) Ann. Dermatol. Syphilol. 3:1061

PRESENTATION

	Contents	Ref.
Sabouraud Dextrose Broth	Tubes	24109
Sabouraud Dextrose Broth	Bottles	402040
Sabouraud Dextrose Broth	Bottles	452040
Sabouraud Dextrose Broth	Bottles	471070
Sabouraud Dextrose Broth	Dehydrated medium	610104
Sabouraud Dextrose Broth	Dehydrated medium	620104

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 env. tests		Caution, consult instruction for use	Do not reuse

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CE IVD

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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.

Instructions For Use
ENGLISH

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 (loosening 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.

Positive 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 m 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. 96763) 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 or 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:

- 10¹ CFU: maximum acceptable count = 20;
- 10² CFU: maximum acceptable count = 200;
- 10³ CFU: maximum acceptable count = 2000, and so forth.

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

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	WDCM 00054	WDCM 00053	WDCM 00058	Growth
<i>Candida albicans</i>				Good
<i>Aspergillus brasiliensis</i>				Good
<i>Saccharomyces cerevisiae</i>				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	10035
Sabouraud Dextrose Agar	90 mm ready-to-use plates	10035*
Sabouraud Dextrose Agar	90 mm ready-to-use plates (triple-wrapped and gamma-irradiated)	10035S
Sabouraud Dextrose Agar	Slant tubes	30093
Sabouraud Dextrose Agar	Slant tubes	31093
Sabouraud Dextrose Agar	Bottles	470040
Sabouraud Dextrose Agar	Bottles	412280
Sabouraud Dextrose Agar	Bottles	402280
Sabouraud Dextrose Agar	Dehydrated medium	610103
Sabouraud Dextrose Agar	Dehydrated medium	620103
Sabouraud Dextrose Agar	Dehydrated medium	610103S

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 <no> tests	Caution, consult instruction for Use	Do not reuse

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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 (loosening 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 RPE 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: 10-10⁶ CFU

Inoculum for selectivity: 10¹-10⁶ 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
<i>Staphylococcus aureus</i>	ATCC® 25923	Good
<i>Staphylococcus aureus</i> *	ATCC® 6538	Good
<i>Staphylococcus epidermidis</i>	ATCC® 12228	Good
<i>Escherichia coli</i>	ATCC® 25922	Inhibited
<i>Escherichia coli</i> *	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

- European Pharmacopoeia 6.5 (2009). 2.6.13 Microbiological examination of non-sterile products: Test for specified microorganisms.
- United States Pharmacopoeia 32 NF 27 (2009). <62> Microbiological examination of non-sterile products: Test for specified microorganisms.
- Japanese Pharmacopoeia 4.05 (2008). Microbiological examination of non-sterile products: Test for specified microorganisms.
- 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.
- Kloos, W.E., and T.L. Bannerman (1995) Staphylococcus and Micrococcus. In Manual of clinical microbiology, 6th ed.
- 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
Mannitol Salt Agar	90 mm ready-to-use plates	100 plates
Mannitol Salt Agar	Bottles	6 x 500 ml bottles
Mannitol Salt Agar	Bottles	6 x 200 ml bottles
Mannitol Salt Agar	Bottles	6 x 100 ml bottles
Mannitol Salt Agar	Dehydrated medium	500 g of powder
Mannitol Salt Agar	Dehydrated medium	100 g of powder
Mannitol Salt Agar	Dehydrated medium	5 kg of powder

TABLE OF SYMBOLS

LOT	Batch code	IVD	In vitro Medical Diagnostic Device	Manufacturer	Use by	Fragile, handle with care
REF	Catalogue number	IVD	Temperature limitation	Contains sufficient for 475 tests	Caution, consult instruction for use	Do not reuse

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MRS Agar

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

TYPICAL FORMULA	(g/l)
Enzymatic Digest of Casein	10.0
Meat Extract	10.0
Yeast Extract	4.0
Tryptone	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 *Pedococcus* and *Leuconostoc* species as well as other secondary bacteria.

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

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

- 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.
- Inoculate each plate with 1 ml of sample suspension by pour plating. Overlays may be used if required.
- 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

- APHA (2015). Compendium of Methods for the Microbiological Examination of Foods, 5th edition. American Public Health Association, Washington, D.C.
- EN ISO 11133:2014. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media.
- Schillinger U and Holzapfel WH (2012) Culture media for Lactic Acid Bacteria. In: Handbook of Culture Media for Food and Water Microbiology. (Corry JEL, Curds GDW and Baird RW eds), pp 174-186. Royal Society of Chemistry, Cambridge, UK.
- ISO 15214:1996. Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of mesophilic lactic acid bacteria - Colony count technique at 30°C.
- 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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IVD



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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 ISO 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

SHELF LIFE

4 years

QUALITY CONTROL

- Control of general characteristics, label and print

Microbiological control

Medium for productivity: 50-100 CFU
Medium for sensitivity: 10⁵-10⁷ CFU
Incubation Conditions: 72 ± 3 h at 30 ± 1°C, in microaerobiosis

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

TABLE OF SYMBOLS

LOT	Batch code	IVD	In vitro Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care	Do not reuse
REF	Catalogue number						



UREA AGAR BASE

Medium for urease test, recommended by ISO 6785 and IDF 93.

TYPICAL FORMULA (g/l)

Peptone	1.0
Glucose	1.0
Sodium Chloride	5.0
Monopotassium Phosphate	2.0
Phenol Red	0.012
Agar	15.0

Final pH 6.8 ± 0.2 at 25°C

DESCRIPTION
UREA AGAR BASE is a medium used for urease test, recommended by ISO 6785 and IDF 93.

PRINCIPLE
Peptone provides nitrogen, carbon, and amino acids required for organism growth. Glucose is an energy source. Sodium chloride maintains the osmotic balance of the medium. Monopotassium phosphate is the buffer. Phenol red is the pH indicator. Agar is the solidifying agent. Urea is added to the medium as substrate for urease enzyme. The splitting of urea by urease causes the release of ammonia, increasing pH of the medium to the alkaline side. This is indicated by a color change of the pH indicator.

PREPARATION
Suspend 24.0 g of powder in 950 ml of distilled or deionized water. Heat until completely dissolved. Autoclave at 121°C for 15 minutes. Cool to 45-50°C. Aseptically add 50 ml of Urea 40% Supplement (ref. 80292). Dispense into sterile tubes and allow to solidify in a slanting position.

TECHNIQUE
Use a heavy inoculum of the growth from a pure 18-24 hours culture. Inoculate by streaking back and forth over the entire slant surface. Do not stab the butt because it serves as color control. Incubate the tubes with the caps loosened at 36 ± 1°C for 6-24 hours. Longer period of incubation may not be necessary.

INTERPRETATION OF RESULTS
The production of urease is a positive reaction, indicated by an intense red or pink color on the slant.

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 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 national and local regulations in force.

- REFERENCES**
- Christensen, W.B. (1946). J. Bact. 52:461-466.
 - Mastet, L.G.C. (1952) Brit. Med. J. 2:545-546.
 - ISO 6785:2001, IDF 93:2001.



PRODUCT SPECIFICATIONS

NAME
UREA AGAR BASE

PRESENTATION
Dehydrated medium

STORAGE
10-30°C

Ref.	Content	Packaging
610107	500 g	500 g of powder in plastic bottle
620107	100 g	100 g of powder in plastic bottle

pH OF THE MEDIUM
6.8 ± 0.2

USE
UREA AGAR BASE is a medium used for urease test, recommended by ISO 6785 and IDF 93

TECHNIQUE
Refer to technical sheet of the product

APPEARANCE OF THE MEDIUM
Dehydrated medium
Appearance: free-flowing, homogeneous
Colour: orange
Prepared medium
Appearance: slightly opalescent
Colour: reddish-orange

SHELF LIFE
4 years

QUALITY CONTROL

- Control of general characteristics, label and print
- Microbiological control
Inoculum for productivity: 10-100 CFU/ml
Incubation conditions: 6-24 h at 36 ± 1°C

Microorganism **ATCC®** **Urease Production**
Proteus vulgaris 13315 +
Escherichia coli 25922 -

TABLE OF SYMBOLS

LOT	Batch code	IVD	In vitro Diagnostic Medical Device	Manufacturer	Use by	Fragile, handle with care
REF	Catalogue number	IVD	Temperature limitation	Contains sufficient for <p> tests	Consult instructions for use	Keep away from heat sources

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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
<i>Escherichia coli</i> □ □ □	25922	good	-
<i>Enterobacter aerogenes</i>	13048	good	-
<i>Proteus mirabilis</i>	25933	good	+
<i>Proteus vulgaris</i>	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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SPECIFICHE DI PRODOTTO

E.M.B. LEVINE AGAR

Terreno selettivo per l'isolamento di enterobatteri gram-negativi (armonizzato Farmacopea SU)

FORMULA TIPICA	(g/l)
Peptone	10,0
Lattosio	10,0
Fosfato dipotassico	2,0
Eosina Y	0,4
Blu di Metilene	0,065
Agar	15,0
pH finale 7,2 ± 0,2 a 25°C	

DESCRIZIONE
E.M.B. LEVINE AGAR è un terreno selettivo per l'isolamento di enterobatteri gram-negativi conforme con le specifiche della Farmacopea degli Stati Uniti (USP). E.M.B. LEVINE AGAR è utilizzato per l'analisi sia di campioni clinici che alimentari come i prodotti caseari principalmente per l'individuazione e la conferma dei coliformi.

PRINCIPIO
Il peptone è la fonte di azoto. Il lattosio è il carboidrato fermentabile ed il fosfato dipotassico è il tampone. Eosina Y e blu di metilene sono gli indicatori. Questi coloranti permettono anche di differenziare i microorganismi che fermentano il lattosio da i non fermentanti sulla base del loro assorbimento all'interno della colonie batteriche. Il blu di metilene agisce anche come agente selettivo in grado di inibire parzialmente i batteri gram-positivi.

PREPARAZIONE
Sospendere 37,5 g di polvere in 1 litro di acqua distillata. Scaldare fino a completo scioglimento. Autoclavare a 121°C per 15 minuti. Raffreddare a 45-50°C. Mescolare accuratamente. Distribuire in piastre petri.

TECNICA
Utilizzare le procedure appropriate per ottenere colonie isolate dai campioni in esame. Si dovrebbe seminare anche un terreno non selettivo per aumentare la probabilità di recupero quando la popolazione di batteri gram-negativi è bassa e per avere inoltre una indicazione degli altri organismi presenti nel campione. Incubare le piastre, al riparo dalla luce, a 35±2 per 18-24 ore. Se dopo 24 ore non si verifica nessuna crescita, reinoculare per altre 24 ore.

INTERPRETAZIONE DEI RISULTATI
I microorganismi che fermentano il lattosio, come i coliformi, mostrano colonie blu-verde, mentre le colonie dei lattosio-non fermentanti come *Salmonella* spp e *Shigella* spp, appaiono incolore, trasparenti o color ambra. Alcuni batteri gram-positivi, come gli streptococchi fecali, stafilococchi e lieviti, crescono su questo terreno formando di solito colonie puntiformi. Diversi batteri gram-negativi non patogeni e che non fermentano il lattosio sono in grado di crescere su questo terreno ma possono essere distinti dai ceppi patogeni tramite analisi biochimiche.

CONSERVAZIONE
La polvere è molto igroscopica, conservare a 10-30°C in ambiente asciutto nel suo contenitore originale chiuso ermeticamente. Utilizzare prima della data di scadenza apposta sull'etichetta o finché non sono evidenti segni di deterioramento o contaminazione. Conservare le piastre pronte a 2-8°C al riparo dalla luce.

AVVERTENZE E PRECAUZIONI
Il prodotto non contiene sostanze nocive in concentrazioni superiori ai limiti stabiliti dalla legislazione corrente e perciò non è classificato come pericoloso. Comunicare per un uso corretto del prodotto si raccomanda di consultare la scheda di sicurezza. Il prodotto è progettato esclusivamente per uso diagnostico in vitro e deve essere utilizzato da parte di personale qualificato.

SMALTIMENTO DEI RIFIUTI
Smaltimento dei rifiuti deve essere effettuato secondo le normative nazionali e locali vigenti.

BIBLIOGRAFIA

- Holt-Harris and Tongue (1916) J. Infect. Dis. 18:596.
- Levine (1918) J. Infect. Dis. 23:43.
- Marshall ed. (1993) Standard methods for the examination of dairy products, 16th ed. American Public Health Association, Washington, D.C.
- Downes and Ito ed. (2001) Compendium of methods for the microbiological examination of foods, 4th ed. American Public Health Association, Washington, D.C.
- United States Pharmacopoeial Convention, Inc. (2001) The United States Pharmacopoeia 25/The National formulary 20 - 2002. The United States Pharmacopoeial Convention, Rockville, Md.



DENOMINAZIONE E.M.B. LEVINE AGAR	
PRESENTAZIONE Terreno disidratato in polvere	
CONSERVAZIONE 10-30 °C	
CONFEZIONAMENTO	
Ref.	Contenuto
510019	500 g
520019	100 g
PH DEL TERRENO 7,2 ± 0,2	

IMPIEGO
E.M.B. LEVINE AGAR è un terreno selettivo per l'isolamento di enterobatteri gram-negativi conforme con le specifiche della Farmacopea degli Stati Uniti (USP)

TECNICA
Far riferimento alla scheda tecnica del prodotto

ASPECTO DEL TERRENO
Terreno disidratato
Aspetto: omogeneo
Colore: rosso chiaro-porpora
Terreno in plastica
Aspetto: opaco
Colore: rosso scuro blu-porpora

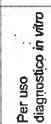
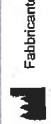
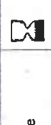
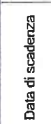
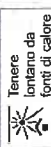
VALIDITA' DALLA DATA DI PRODUZIONE
4 anni

CONTROLLO DI QUALITÀ
1. Controllo caratteristiche generali, etichettatura e stampa

2. Controllo microbiologico
Inoculo per produttività: 10-100 UFC/ml
Inoculo per sensibilità: 104-105 UFC/ml
Inoculo per specificità: 5104 UFC/ml
Condizioni di incubazione: 18-24 ore a 36 ± 1°C

Microorganismo	ATCC	Crescita	Caratteristiche
<i>Escherichia coli</i>	25922	Buona	Colonie verdi con riflessi metallici
<i>Klebsiella pneumoniae</i>	13883	Buona	Colonie rosa
<i>Proteus mirabilis</i>	25933	Buona	Colonie incolore
<i>Pseudomonas aeruginosa</i>	27853	Buona	Colonie incolore
<i>Salmonella typhimurium</i>	14028	Buona	Colonie incolore
<i>Streptococcus faecalis</i>	19433	Inibizione	—

TABELLA DEI SIMBOLI			
LOT Numero di lotto	IVD Per uso diagnostico in vitro	Fab Fabbricante	Scd Data di scadenza
REF Numero di catalogo	Lim Limiti di temperatura	Cont Contenuto sufficiente per <n> test	Atten Attenzione, consultare le istruzioni per l'uso





COLUMBIA AGAR BASE

Medium for fastidious microorganisms isolation from clinical samples.

TYPICAL FORMULA	(g/l)
Peptospecial	23.0
Starch	1.0
Sodium Chloride	5.0
Agar	14.0
Final pH = 7.3 ± 0.2 at 25 °C.	

DIRECTIONS

Suspend 43.0 g of powder in 1 liter of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize in autoclave at 121 °C for 15 minutes. Cool to 45-50 °C and aseptically add 5% dehydrated sterile sheep blood. Mix well. Dispense in petri dishes.

Columbia Agar Base can be also enriched in various way:

- with 2 vials of CNA (Staf / Strep) supplement (colistin sulphate 5 mg/vial, nalidixic acid 8 mg/vial, code 81048), each one reconstituted with 5 ml of sterile distilled water, final medium will contain colistin sulphate 10 mg/l and nalidixic acid 16 mg/l.
- with 2 vials of *Gardnerella vaginalis* supplement (gentamicin 3 mg/vial, amphotericin B 1 mg/vial, nalidixic acid 15 mg/vial, code 81040), each one reconstituted with 5 ml of a 1:1 solution of ethyl alcohol and sterile distilled water; final medium will contain gentamicin 6 mg/l, amphotericin B 2 mg/l and nalidixic acid 30 mg/l.

DESCRIPTION

COLUMBIA AGAR BASE, enriched with sterile sheep blood (5%), is suitable for isolation and growth of fastidious microorganisms such as streptococci, staphylococci, pneumococci and listeriae from clinical samples.

TECHNIQUE

Inoculate the medium with the specimen streaking by a sterile loop and incubate at 36 ± 1 °C for 18-48 hours aerobically, anaerobically or under conditions of increased CO₂ (5-10%), in accordance with established laboratory procedures.

Examine plates for growth and hemolytic reactions. Four types of hemolysis on blood agar media can be described:

1. α-hemolysis is the reduction of hemoglobin in the medium surrounding the colony, causing a greenish discolorization of the medium.
2. β-hemolysis is the lysis of red blood cells, producing a clear zone surrounding the colony.
3. γ-hemolysis indicates no destruction of red blood cells and no change in the color of the medium.
4. δ-hemolysis indicates a partial lysis.

QUALITY CONTROL

Dehydrated medium
Appearance: free-flowing, homogeneous.
Color: beige.
Prepared medium
Appearance: opaque.
Color: cherry red.

Incubation conditions: 36 ± 1°C for 18-48 hours at 5-10% CO₂.

Microorganism	ATCC	Growth	Characteristics
<i>Streptococcus pyogenes</i>	19615	good	β-hemolysis
<i>Streptococcus pneumoniae</i>	6303	good	α-hemolysis
<i>Staphylococcus aureus</i>	25923	good	β-hemolysis
<i>Gardnerella vaginalis</i>	14018	good	β-hemolysis



LIOFILCHEM S.r.l.
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Phone +390858930745 Fax +390858930330
Website: www.liofilchem.net E-mail: liofilchem@liofilchem.net



PERFORMANCE AND LIMITATIONS

When this medium is enriched with 10% sterile sheep blood, heated at 80 °C for 10 minutes until a chocolate color is obtained, and an antibiotic mixture is added (vancomycin, colimycin, trimethoprim, amphotericin B) it is suitable for the selective isolation of the pathogenic *Neisseria*. If used without the addition of blood, the medium is suitable for growing of *Brucella abortus*, *Yersinia pestis*, *Clostridium perfringens* and *Enterobacteria*. Hemolytic reactions of some strains of Group D streptococci have been shown to be affected by differences in animal blood. Such strains are beta-hemolytic on horse and rabbit blood agar and alpha-hemolytic on sheep blood agar.

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 plates at 2-8 °C.

REFERENCES

1. Ellner, P.D., C.J. Stoessel, E. Drakeford, and F. Vasi (1966). A new culture medium for medical bacteriology. Am. J.Clin. Path. 45, 502-504.
2. Isenberg, H.D. (ed.) (1992). Clinical microbiology procedures handbook, vol. 1 American Society for Microbiology, Washington, DC.

PRESENTATION

Product	REF	
COLUMBIA AGAR BASE (11.6 l)	610013	500 g
COLUMBIA AGAR BASE (2.3 l)	620013	100 g
COLUMBIA AGAR BASE (116.2 l)	6100135	5 Kg
SHEEP BLOOD DEFIBRINATED	83296	50 ml
CNA (Staf / Strep) supplement	81048	10 vials
Gardnerella vaginalis supplement	81040	10 vials

TABLE OF SYMBOLS

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



LIOFILCHEM S.r.l.
Via Scozia, Zona Ind.le - 64026, Roseto D.A. (TE) - ITALY
Phone +390858930745 Fax +390858930330
Website: www.liofilchem.net E-mail: liofilchem@liofilchem.net





sifin diagnostics gmbh | Postfach 26 | 13061 Berlin

To Whom It May Concern

Berlin
3 December 2019

We, sifin diagnostics gmbh, having a registered office at Berliner Allee 317 – 321, 13088 Berlin, Germany, assign „GBG-MLD“ SRL, having a registered office at St. Tighina 65, Chisinau MD – 2001, Moldova, as authorized representative in correspondence with the conditions of directive 98/79/EEC.

We declare that the company mentioned above is authorized to register, notify, renew or modify the registration of in-vitro medical devices on the territory of the Republic of Moldova.

This authorization is valid till 31 December 2021.

sifin diagnostics gmbh

i.A.

U. Stöhr
Export Director

i.A.

R. Rasche
Export Manager



sifin diagnostics gmbh
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13088 Berlin, Germany

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BLZ 120 400 00
IBAN DE14 1204 0000 0088 8883 00
BIC COBADEFFXXX

Postbank AG NE Berlin
Kto.-Nr. 0 676 100 103
BLZ 100 100 10
IBAN DE46 1001 0010 0676 1001 03
BIC PBNKDEFF

Amtsgericht Berlin Charlottenburg
Register-Nr. HRB 43922
Ust.-IdNr. DE 137230234
Steuer-Nr. 37/004/56702
Geschäftsführer:
Dipl.-Ing. Alexander Seefranz

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



mdc medical device certification GmbH
Kriegerstraße 6
D-70191 Stuttgart, Germany
Phone: +49-(0)711-253597-0
Fax: +49-(0)711-253597-10
Internet: <http://www.mdc-ce.de>

For electronic publication only

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
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For electronic publication only

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Fax : +33 (0)1 41 45 07 14
www.elitechgroup.com



Puteaux, 29 March 2017

Letter of Authorization

To whom it may concern:

ELITech Distribution, a company of the ELITech Group distributing laboratory diagnostic products with headquarters at 13-15 rue Jean Jaurès, 92800 Puteaux – France, hereby confirms that the company **GBG-MLD SRL**, located at Mun. Chisinau, Str. Tighina 65 of. 607, MD-2001 - Moldova (the "Company"), is authorized to market the products as listed below (the "Products"), in Moldova (the "Territory"):

*All products manufactured by ELITech Clinical Systems SAS
All products manufactured by ELITechGroup B.V.*

Company hereby accepts (i) to market and promote Products in Territory as per the provisions set out hereunder and (ii) to be subject to General Conditions of Sales of ELITech Distribution.

Company is not entitled to assign nor transfer, totally or partially, its respective rights and obligations arising out of this Letter of Authorization, and particularly, it is not entitled to market Products through the intermediary of a sub-distributor and/or an affiliate without the prior written consent of ELITech Distribution.

This Letter of Authorization is (i) valid for a period of three (3) years unless terminated with a written notice by the issuer, (ii) subject to the signing of the Regulatory and Quality assurance Agreement signed by the above-mentioned company and ELITech Clinical Systems SAS and ELITechGroup B.V. on 29 March 2017 and (iii) governed by and construed in accordance with French law.

The President
ELITech Group S.A.S.
Represented by Romain Bergeaud

ELITECH DISTRIBUTION
Société par actions simplifiée
au capital de 500 000 Euros
Siège social : 13-15, rue Jean Jaurès
92800 PUTEAUX
RCS NANTERRE 538 673 716
Tél.: +33 1 41 45 07 13 - Fax: +33 1 41 45 07 14

Société par actions simplifiée au capital de 500 000€ – SIREN : 538 673 716 – RCS NANTERRE
ED-LOA-v004-03/2017

DECLARATION DE CONFORMITE CE

Nous, ELTECH Clinical Systems SAS, zone Industrielle 61500 SEES France, déclarons sous notre seule responsabilité que les dispositifs appartenant au groupe 12 «SOLUTIONS DE LAVAGE pour équipements ELTECH Clinical Systems», référencés dans la liste ci-jointe, sont conformes aux exigences essentielles des annexes I et III de la Directive Européenne 98/79/CE relative aux dispositifs médicaux de diagnostic *in vitro* et au code de la santé publique. Cette déclaration est basée sur le contenu d de chaque dossier technique DOS-CE-XXXX et s'appuie sur la certification de notre système qualité selon la norme NF EN ISO 13485 : 2016 (Certification valable jusqu'au 27 juillet 2020).

(Voir liste ci-jointe).

DECLARATION OF EC CONFORMITY

We, ELTECH Clinical Systems SAS, Zone Industrielle 61500 SEES France, hereby certify, under our own responsibility, that the devices belonging to Group 12, "CLEANING SOLUTIONS for ELTECH Clinical Systems Equipments", such as listed hereby, conform to the essential requirements of appendices I and III of European Directive 98/79/EC, relating to *in vitro* diagnostic medical devices and to the public health code.

This declaration is based upon the content of each DOS-CE-XXXX technical file and is supported by the certification of our quality system according to the standard NF EN ISO 13485 : 2016 (Certification valid until July 27th, 2020).

(See attached list)

DECLARACIÓN CE DE CONFORMIDAD

Nosotros, ELTECH Clinical Systems SAS, Zone Industrielle 61500 SEES France, declaramos bajo nuestra única responsabilidad que los dispositivos pertenecientes al grupo 12 : "SOLUCIONES DE LIMPIEZA para los equipos ELTECH Clinical Systems", referenciados en la lista adjunta, son conformes con los requisitos esenciales de los anexos I y III de la Directiva Europea 98/79/CE sobre dispositivos médicos para diagnóstico *in vitro* y el código de salud pública.

Esta declaración está documentada por su contenido de cada DOS-CE-XXXX técnica y está respaldado por la certificación de nuestro sistema de calidad según la norma NF EN ISO 13485 : 2016 (Certificación válida hasta el 27 de julio 2020).

(Ver lista adjunta)

Sees, le 28 Juillet 2017

Valérie GOUBDON,
Responsable des Affaires Réglementaires
Regulatory Affairs Manager
Responsable de los Asuntos Reglamentarios

Cécile GOUBAULT,
Directeur Général Délégué
Managing Director
Directora General

GRUPE 12 - SOLUTIONS DE LAVAGE pour les équipements ELTECH Clinical Systems GROUP 12 - CLEANING SOLUTIONS for ELTECH Clinical Systems Equipments GRUPO 12 - SOLUCIONES DE LIMPIEZA para los equipos ELTECH Clinical Systems

DESIGNATION DU REACTIF/ REAGENT DESIGNATION/ DESIGNACIÓN DE REACTIVO	REFERENCES/ REFERENCIAS	NOM DU DOSSIER CE/ EC FILE NAME/ NOMBRE DEL ARCHIVO CE	Code GMDN/ GMDN Code/ Código GMDN
ACID SOLUTION for ELTECH Clinical Systems Analyzers	SLHC-S900	DOS-CE-SOLVS	59038
SYSTEM CLEANING SOLUTION for ELTECH Clinical Systems Analyzers	SLNA-S900		
SYSTEM SOLUTION for ELTECH Clinical Systems Analyzers	SLSY-S900		58236



articoli per laboratorio analisi
disposable labware

www.kima.it



Messrs

"GBG-MLD" SRL
STR. TIGHINA 65
2001 CHISINAU
MOLDOVA

Piove di Sacco, 25/02/2019

DISTRIBUTOR AGREEMENT

To whom it may concern, we hereby declare that:

KIMA sas – Via Leonardo Da Vinci 22 – 35028 piove di Sacco - (PD) - ITALY

appoints "GBG-MLD" SRL – STR. TIGHINA 65. - 2001 CHISINAU –MOLDOVA

as authorized distributor of KIMA plastic labware products in the territory of MOLDOVA

GBG MLD has the right to import and distribute KIMA plastic labware products.

This Agreement is valid one (2) years from the present date.

The Distributor does not have any possibility to oblige the company KIMA sas with quantities or delivery time as well as prices without prior written authorization from KIMA sas.

KIMA sas keeps the right to modify the prices according to the market of the raw materials.

Renzo Chiarin
Managing Director

KIMA S.R.L.
Via Leonardo Da Vinci, 22
35028 PIOVE DI SACCO (PD)
Partita IVA 01466290283



CERTIFICATO n.
CERTIFICATE No.

4264/4/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 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
18/01/2007

Emissione corrente
Current issue
18/01/2019

Data di scadenza
Expiring date
17/01/2022


ICIM S.p.A.

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



SGQ N° 004 A

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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.
Refer to the documentation of the Quality Management System for details of application to reference standard requirements.
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Data emissione
First issue
18/01/2007

Emissione corrente
Current issue
18/01/2019

Data di scadenza
Expiring date
17/01/2022

ICIM S.p.A.

Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)
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CERTIFICATO n. 4265/3/D
CERTIFICATE No.

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VACUTEST KIMA S.r.l.

UNITA' OPERATIVE
OPERATIVE UNITS

Via dell'Industria, 12 – 35020 Arzergrande (PD)
Italia

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 13485:2012

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

EA: 14

Progettazione e produzione di provette con vuoto predeterminato ad uso prelievo ematico, liquidi biologici e urine; Commercializzazione di prodotti del gruppo: kit diagnostici, terreni di coltura per microbiologia, articoli in plastica per laboratorio e analisi, provette con vuoto predeterminato e aghi sterili.

Design and production of test tubes with predetermined vacuum for collection of haematological samples, biological liquids and urine samples. 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 al Manuale della Qualità per l'applicabilità dei requisiti della Norma ISO 13485:2012
Refer to Quality Manual for details of application to ISO 13485:2012 requirements.

Il presente certificato è soggetto al rispetto del regolamento per la certificazione dei sistemi di gestione per la qualità delle aziende.
The use and the validity of this certificate shall satisfy the requirements of the rules for the certification of company quality management systems.

Data emissione
First issue
18/01/2007

Emissione corrente
Current issue
18/01/2016

Data di scadenza
Expiring date
17/01/2019

Yo Delgin
ICIM S.p.A.

Piazza Don Enrico Mapelli, 75 – 20099 Sesto San Giovanni (MI)



SGQ N° 004 A
SGA N° 005 D
SCR N° 006 F
PAS N° 002 C

SGI N° 008 G
PRD N° 004 B
ISP N° 044 E
SGE N° 005 M

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

CISQ is a member of



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.*

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale.

CISQ is the Italian Federation of management system Certification Bodies.



www.cisq.com

TO WHOM IT MAY CONCERN

Letter of Authorization

We APTACA SPA , with head offices and plant located in :

Regione Monforte nr 30

14053 Canelli (At) Italy

Confirm that the below Company :

"GBG-MLD" S.R.L.
Tighina str.65, office 607
MD-2001, Chisinau,
Republic of Moldova

Web: www.gbg.md
Ph. +373 22 54 91 20
+373 22 54 91 21

Is authorized to prepare price quotations, advertising activities, warranty service, offers, to participate in tenders and to sell our whole range of product on exclusive basis in the territory of MOLDAVIA.

This letter is valid until 31/12/2020 and may be prolonged by mutual agreement.

ON BEHALF OF NUOVA APTACA S.R.L.

Veronica FERRARI

Export Manager


APTACA SPA
Reg. Monforte n. 30
Tel. 0141/835075 r.a. - Fax 0141/835292
14053 CANELLI (AT)
C.F. 07520900155 - P.I. 00862050960
Cod. Univoco: SUBM70N

Canelli 25/11/2019



CERTIFICATO N° 505SGQ03

CERTIFICATE N° 505SGQ03

Si certifica che il
this is to certify that

Sistema di Gestione per la Qualità

Quality Management System

messso 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

Roberto Cusolito
Dr. Ing. Roberto Cusolito

Data di Prima Emissione
First Issue Date

1998-07-23

Settore IAF 14 - 29

Data di Prima Emissione ITALCERT
First Issue Date ITALCERT

2011-10-30

Data di Rinnovo
Renewal Date

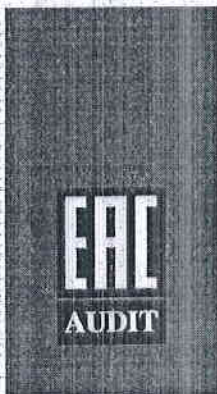
2017-10-30

Data di Scadenza
Expiration Date

2020-10-29



SGQ N° 023A PRD N° 122D
SGA N° 0200 ISP N° 075E
PRS N° 097C
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements



ФЕДЕРАЛЬНОЕ АГЕНТСТВО
ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ
СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ ГОСТ Р
«EAC AUDIT»
РЕГИСТРАЦИОННЫЙ НОМЕР РОСС RU.32028.04EAC1
ОРГАН ПО СЕРТИФИКАЦИИ ООО «ГОРТЕСТ»
РЕГИСТРАЦИОННЫЙ НОМЕР РОСС RU.32028
ИНН 7717616798 ОГРН 1087746489060

Юридический адрес: 109028, Россия, г. Москва, Серебряническая набережная, д. 27,
этаж 4, пом. 1, ком. 17
Телефон: 8 (800) 1000-730, e-mail: info@eacaudit.ru



№003749

СЕРТИФИКАТ СООТВЕТСТВИЯ

Регистрационный номер № 04EAC1.CM.00813

Общество с ограниченной ответственностью «МиниМед»

(наименование лица)

241520, Россия, Брянская область, Брянский район, с. Супонево, ул. Шоссейная, д.17А

(юридический адрес лица)

241520, Россия, Брянская область, Брянский район, с. Супонево, ул. Шоссейная, д.17А

(фактический адрес лица)

ИНН: 3234007127

ОГРН: 1023202138332

НАСТОЯЩИЙ СЕРТИФИКАТ УДОСТОВЕРЯЕТ СООТВЕТСТВИЕ

системы менеджмента качества изделий медицинских Общества с ограниченной ответственностью «МиниМед» требованиям ГОСТ ISO 13485-2017 (ISO 13485:2016) «Изделия медицинские. Системы менеджмента качества. Системные требования для целей регулирования» применительно к Производство лабораторной посуды, медицинских изделий, приборов и принадлежностей, красителей, реагентов и наборов реагентов для in-vitro диагностики

Дата регистрации: 19-03-2019

Срок действия до: 18-03-2022

Руководитель органа
по сертификации:



(подпись)

В. И. Погодин

(подпись)

Е. Д. Кербатова

НАСТОЯЩИЙ СЕРТИФИКАТ ОБЯЗЫВАЕТ ОРГАНИЗАЦИЮ ПОДДЕРЖИВАТЬ СОСТОЯНИЕ ВЫПОЛНЯЕМЫХ РАБОТ В СООТВЕТСТВИИ С
ВЫШЕУКАЗАННЫМИ СТАНДАРТАМИ, ЧТО БУДЕТ НАХОДИТЬСЯ ПОД КОНТРОЛЕМ ОРГАНА ПО СЕРТИФИКАЦИИ СИСТЕМЫ
ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ «EAC AUDIT» И ПОДТВЕРЖДАТЬСЯ ПРИ ПРОХОЖДЕНИИ ЕЖЕГОДНОГО ИНСПЕКЦИОННОГО КОНТРОЛЯ

Федеральное агентство по техническому регулированию и метрологии



Система добровольной сертификации "НОПСС": РОСС RU.31827.04ЖСН1

Орган по сертификации ООО "Невский Альянс": ОГРН 11 47847286960 ИНН 7842525530

www.nopss.ru

СЕРТИФИКАТ СООТВЕТСТВИЯ

Общество с ограниченной ответственностью
выдан

«МиниМед»

ИНН 3234007127 / ОГРН 1023202139332

241520, Брянская область, Брянский район, с. Овощево, ул. Шоссейная, д.17А

Подтверждает что система менеджмента качества
соответствует требованиям ГОСТ ISO 9001-2015 (ISO 9001:2015)

При осуществлении работ согласно приложению №1 к настоящему сертификату

Сертификат выдан на основании решения экспертной комиссии

от 24.09.2018

Срок действия до 24 сентября 2021

Номер в едином реестре системы СИ256

Руководитель органа
по сертификации:

Подпись

Платонов Б.А.

Настоящий сертификат обязывает организацию поддерживать состояние выполняемых работ в соответствии с вышеуказанным стандартом, что будет находиться под контролем органа по сертификации СИ256 и подтверждаться при прохождении ежегодного инспекционного контроля.

Федеральное агентство по техническому регулированию и метрологии



Система добровольной сертификации "НОПСС": РОСС RU.31827.04ЖСН1

Орган по сертификации ООО "Невский Альянс": ОГРН 11 47847286960 ИНН 7842525530

www.nopss.ru

ПРИЛОЖЕНИЕ №1

К сертификату соответствия № СИ256

Применительно к видам деятельности:

Производство лабораторной посуды, медицинских изделий, приборов и принадлежностей, красителей, реагентов и наборов реагентов для in-vitro диагностики.



Руководитель органа
по сертификации:

Подпись

Платонов Б.А.



Zertifikat-Nr./Certificate no:
DE_SN_01_GMP_2016_0003

Aktenzeichen/Reference Number:
L24-5117/90

**BESTÄTIGUNG DER ÜBEREINSTIMMUNG EINES
HERSTELLERS MIT GMP**

Teil 1

Ausgestellt nach einer Inspektion gemäß

• **Art. 111 (5) der Richtlinie 2001/83/EG**

Die zuständige deutsche Überwachungsbehörde bestätigt:

Der Hersteller
HOLTSCH Medizinprodukte GmbH

Anschrift der Betriebsstätte
**HOLTSCH Medizinprodukte GmbH
Leipziger Straße 300
01139 Dresden
Deutschland**

• Sonstiges:

Der Hersteller wurde im Rahmen der nationalen Arzneimittelüberwachung inspiziert in Verbindung mit der Herstellungserlaubnis Nr. DE_SN_01_MIA_2012_0045 gemäß Art. 40 der Richtlinie 2001/83/EG umgesetzt in deutsches Recht durch § 13 Abs. 1 Arzneimittelgesetz.

Aufgrund der aus der letzten Inspektion vom 27. November 2015 gewonnenen Erkenntnisse wird für die oben genannte Betriebsstätte des Herstellers die Übereinstimmung mit den Anforderungen der Guten Herstellungspraxis festgestellt, die sich aus

• den Grundsätzen und Leitlinien der Guten Herstellungspraxis gemäß
- Richtlinie 2003/94/EG

ergeben.

**CERTIFICATE OF GMP COMPLIANCE OF A
MANUFACTURER**

Part 1

Issued following an inspection in accordance with

• Art. 111 (5) of Directive 2001/83/EC

The competent authority of GERMANY confirms the following:

The manufacturer
HOLTSCH Medizinprodukte GmbH

Site address
**HOLTSCH Medizinprodukte GmbH
Leipziger Straße 300
01139 Dresden
Germany**

• Other:

The manufacturer has been inspected under the national inspection programme in connection with manufacturing authorisation no. DE_SN_01_MIA_2012_0045 in accordance with Art. 40 of Directive 2001/83/EC transposed in the following national legislation: Sec 13 para 1 Arzneimittelgesetz (German Drug Law).

From the knowledge gained during the inspection of this manufacturer, the latest of which was conducted on 27 November 2015, it is considered that it complies with the Good Manufacturing Practice requirements referred to in

• the principles and guidelines of Good Manufacturing Practice laid down in
- Directive 2003/94/EC



Dieses Zertifikat bestätigt den Status der Betriebsstätte zum Zeitpunkt der oben genannten Inspektion. Es sollte nicht zur Bestätigung der Übereinstimmung herangezogen werden, wenn seit der genannten Inspektion mehr als drei Jahre vergangen sind. Nach Ablauf dieser Zeit sollte mit der zuständigen Behörde Kontakt aufgenommen werden. Das Zertifikat ist nur bei Vorlage sämtlicher Seiten inklusive der Teile 1 und 2 gültig. Die Echtheit dieses Zertifikates kann ggf. durch die ausstellende Behörde bestätigt werden.

This certificate reflects the status of the manufacturing site at the time of the inspection noted above and should not be relied upon to reflect the compliance status if more than three years have elapsed since the date of that inspection, after which time the issuing authority should be consulted. This certificate is valid only when presented with all pages and both parts 1 and 2. The authenticity of this certificate may be verified with the issuing authority.



Teil 2

• Humanarzneimittel

1 HERSTELLUNGSTÄTIGKEITEN

- Die erlaubten Herstellungstätigkeiten umfassen vollständige und teilweise Herstellung (einschließlich verschiedener Prozesse wie Umfüllen, Abpacken oder Kennzeichnen), Chargenfreigabe und -zertifizierung, Lagerung und Vertrieb der genannten Darreichungsformen sofern nicht anders angegeben;

- Die Qualitätskontrolle und/oder Freigabe und/oder Chargenzertifizierung ohne Herstellungsschritte sollten unter den entsprechenden Punkten spezifiziert werden;

- Unter der relevanten Produktart und Darreichungsform sollte auch angegeben werden, wenn der Hersteller Produkte mit speziellen Anforderungen herstellt, z.B. radioaktive Arzneimittel oder Arzneimittel, die Penicilline, Sulfonamide, Zytostatika, Cephalosporine, Stoffe mit hormoneller Wirkung oder andere potenziell gefährliche Wirkstoffe enthalten (anwendbar für alle Bereiche des Teils 1 mit Ausnahme 1.5.2 und 1.6);

1.1 Sterile Produkte

1.1.3 Ausschließlich Chargenfreigabe

1.2 Nichtsterile Produkte

1.2.1 Nichtsterile Produkte

1.2.1.17 Andere nichtsterile Produkte Alkoholtupfer

Part 2

• Human Medicinal Products

1 MANUFACTURING OPERATIONS

- authorised manufacturing operations include total and partial manufacturing (including various processes of dividing up, packaging or presentation), batch release and certification, storage and distribution of specified dosage forms unless informed to the contrary;

- quality control testing and/or release and batch certification activities without manufacturing operations should be specified under the relevant items;

- If the company is engaged in manufacture of products with special requirements e.g. radiopharmaceuticals or products containing penicillin, sulphonamides, cytotoxics, cephalosporins, substances with hormonal activity or other or potentially hazardous active ingredients this should be stated under the relevant product type and dosage form (applicable to all sections of Part 1 apart from sections 1.5.2 and 1.6)

1.1 Sterile Products

1.1.3 Batch certification only

1.2 Non-sterile products

1.2.1 Non-sterile products

1.2.1.17 Other non-sterile medicinal product alcoholic pads

13. Januar 2016



Name und Unterschrift des Bearbeiters der zuständigen Behörde

Klaus Hartmann
Landesdirektion Sachsen
Referat 24, Pharmazie, GMP-Inspektorat
Braustraße 2
04107 Leipzig
Deutschland

Tel.: +49(0)351 825-2411
Fax: +49(0)351 825-9201

13 January 2016

Name and signature of the authorised person of the Competent Authority

Klaus Hartmann
Landesdirektion Sachsen
Referat 24, Pharmazie, GMP-Inspektorat
Braustraße 2
04107 Leipzig
Deutschland

Tel.: +49(0)351 825-2411
Fax: +49(0)351 825-9201



**СИСТЕМА СЕРТИФИКАЦИИ
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И
МЕТРОЛОГИИ**

**СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ
«СМК СТАНДАРТ»**

Рег. № РОСС RU.31060.04ЖЖЮ0

Орган по сертификации:

РЕГ № SMK STANDART.RU.0005

Общество с ограниченной ответственностью

«МЕЖДУНАРОДНЫЙ ЦЕНТР СЕРТИФИКАЦИИ»

Адрес: 190020, г. Санкт-Петербург, наб. Обводного канала, д. 138, корпус 1, офис 421

тел +7 (812) 438-76-71 standart@iso-smk.ru

подлинность сертификата проверяйте в реестре на сайте <http://www.iso-smk.ru>

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ ST.RU.0001.M0013380

выдан

Обществу с ограниченной ответственностью «Агат-Мед»

Адрес: 105173, г. Москва, ул. Главная, д.6, кв.12

ИНН 7719187311 ОГРН 1037739078970

Дата выдачи: 26.01.2018 г. Срок действия до: 26.01.2021 г.

Настоящий сертификат удостоверяет:

Изделия медицинские. Системы менеджмента качества.

Системные требования для целей регулирования применительно к работам

согласно приложению №1 к настоящему сертификату

(приложение является неотъемлемой частью сертификата)

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ ГОСТ ISO 13485-2011 (EN ISO 13485:2003)

Руководитель органа

Копцев В. В.



Эксперт

Гундарева О. В.

Настоящий сертификат обязывает организацию поддерживать состояние выполняемых работ в соответствии с вышеуказанным стандартом, что будет находиться под контролем органа по сертификации. Система добровольной сертификации «СМК СТАНДАРТ» и подтверждать при прохождении ежегодного инспекционного контроля.



SMK
STANDARD

**СИСТЕМА СЕРТИФИКАЦИИ
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И
МЕТРОЛОГИИ
ПРИЛОЖЕНИЕ №1**

**к сертификату соответствия № ST.RU.0001.M0013380
Область сертификации системы менеджмента качества:**

Разработка, производство и продажа медицинских изделий для *in vitro* диагностики: реагентов и наборов реагентов для клинической биохимии, а также калибраторов и контрольных материалов.



Руководитель органа

Копцев В. В.

Эксперт

Гундарева О. В.