

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	2021-10-23
Valid until	2024-10-22
Registration no.	D1058700050
Report no.	P21-00883-206453
Stuttgart	2021-07-23


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>



EG-Konformitätserklärung
CE-Declaration de Conformité / EC-Declaration of Conformity
CE

Polyspezifische Testreagenzien Anti-Salmonella O, Vi
Réactifs de test polyspécifiques Anti-Salmonella O, Vi
Polyspecific Test Reagents Anti-Salmonella O, Vi

Wir / Nous / We

sifin diagnostics gmbh
Berliner Allee 317-321, 13088 Berlin, Germany
phone +49-30-700-144-0, fax +49-30-700-144-30, info@sifin.de, www.sifin.de

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

die Medizinprodukte (IVD):
les dispositifs médical (IVD) :
the medical devices (IVD):

Polyspezifische Testreagenzien Anti-Salmonella O, Vi
Réactifs de test polyspécifiques Anti-Salmonella O, Vi
Polyspecific Test Reagents Anti-Salmonella O, Vi

TR1101	Anti-Salmonella A - 67 + Vi, omnivalent
TR1101-01	Anti-Salmonella A - 67 + Vi, omnivalent
TR1111	Anti-Salmonella I (A - E + Vi)
TR1111-01	Anti-Salmonella I (A - E + Vi)
TR1121	Anti-Salmonella II (F - 67)
TR1121-01	Anti-Salmonella II (F - 67)

Sonstige Produkte
Autres dispositifs/Other devices

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

Angewandte harmonisierte Normen:	DIN EN ISO 13485:2016,
Normes nationales appliqués:	DIN EN 13612:2002,
Applied national standards:	DIN EN 13641:2002,
	DIN EN ISO 14971:2013,
	DIN EN ISO 15223-1:2021,
	DIN EN ISO 18113-1:2013,
	DIN EN ISO 18113-2:2013,
	DIN EN ISO 23640:2015



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CE

Polyspezifische Testreagenzien Anti-Salmonella O, Vi
Réactifs de test polyspécifiques Anti-Salmonella O, Vi
Polyspecific Test Reagents Anti-Salmonella O, Vi

Konformitätsbewertungsverfahren: Anhang III
Procédure d'évaluation de la conformité: Annexe III
Conformity assessment procedure: Annex III

Gültig bis: 2027-05-25
Valable jusqu'au:
Valid until:

Berlin, 25.01.2022



Dr. Kathrin Landgrebe
Sicherheitsbeauftragte für Medizinprodukte
Agent de sécurité / Safety Officer



EG-Konformitätserklärung
CE-Declaration de Conformité / EC-Declaration of Conformity



Testreagenzien Anti-Salmonella O-Gruppen-Pools
Réactifs de test Pools anti-salmonelles du groupe O
Test Reagents Anti-Salmonella O-group Pools

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die Medizinprodukte (IVD): les dispositifs médical (IVD) : the medical devices (IVD):	Testreagenzien Anti-Salmonella O-Gruppen-Pools Réactifs de test Pools anti-salmonelles du groupe O Test Reagents Anti-Salmonella O-group Pools
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TR1151	Anti-Salmonella OMA
TR1151-01	Anti-Salmonella OMA
TR1161	Anti-Salmonella OMB
TR1161-01	Anti-Salmonella OMB
TR1170	Anti-Salmonella OMC
TR1171	Anti-Salmonella OMD
TR1172	Anti-Salmonella OME
TR1173	Anti-Salmonella OMF
TR1174	Anti-Salmonella OMG

Sonstige Produkte
Autres dispositifs/Other devices

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	DIN EN ISO 18113-1:2013,
	DIN EN ISO 18113-2:2013,
	DIN EN ISO 23640:2015



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Testreagenzien Anti-Salmonella O-Gruppen-Pools
Réactifs de test Pools anti-salmonelles du groupe O
Test Reagents Anti-Salmonella O-group Pools

Konformitätsbewertungsverfahren: Anhang III
Procédure d'évaluation de la conformité: Annexe III
Conformity assessment procedure: Annex III

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Testreagenzien Anti-Salmonella O, Vi
Réactifs de test Anti-Salmonella O, Vi
Test Reagents Anti-Salmonella O, Vi

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die Medizinprodukte (IVD):
les dispositifs médical (IVD) :
the medical devices (IVD):

Testreagenzien Anti-Salmonella O, Vi
Réactifs de test Anti-Salmonella O, Vi
Test Reagents Anti-Salmonella O, Vi

TR1201	Anti-Salmonella Group B
TR1201-01	Anti-Salmonella Group B
TR1202	Anti-Salmonella Group C
TR1203	Anti-Salmonella Group D
TR1203-01	Anti-Salmonella Group D
TR1204	Anti-Salmonella Group E
TR1301	Anti-Salmonella O:2
TR1302	Anti-Salmonella O:4
TR1302-01	Anti-Salmonella O:4
TR1303	Anti-Salmonella O:5
TR1303-01	Anti-Salmonella O:5
TR1304	Anti-Salmonella O:6 ₁
TR1305	Anti-Salmonella O:7
TR1306	Anti-Salmonella O:8
TR1307	Anti-Salmonella O:9
TR1307-01	Anti-Salmonella O:9
TR1308	Anti-Salmonella O:10
TR1323	Anti-Salmonella O:11
TR1325	Anti-Salmonella O:13
TR1309	Anti-Salmonella O:14
TR1310	Anti-Salmonella O:15
TR1328	Anti-Salmonella O:16
TR1329	Anti-Salmonella O:17
TS1330	Anti-Salmonella O:18
TR1311	Anti-Salmonella O:19
TR1312	Anti-Salmonella O:20
TR1331	Anti-Salmonella O:21



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Testreagenzien Anti-Salmonella O, Vi
Réactifs de test Anti-Salmonella O, Vi
Test Reagents Anti-Salmonella O, Vi

TS1332	Anti-Salmonella O:22
TR1335	Anti-Salmonella O:25
TR1313	Anti-Salmonella O:27
TR1336	Anti-Salmonella O:28
TR1339	Anti-Salmonella O:30
TR1314	Anti-Salmonella O:34
TR1341	Anti-Salmonella O:35
TR1344	Anti-Salmonella O:38
TR1345	Anti-Salmonella O:39
TR1346	Anti-Salmonella O:40
TR1347	Anti-Salmonella O:41
TR1348	Anti-Salmonella O:42
TR1349	Anti-Salmonella O:43
TR1350	Anti-Salmonella O:44
TR1351	Anti-Salmonella O:45
TR1315	Anti-Salmonella O:46
TR1353	Anti-Salmonella O:47
TR1354	Anti-Salmonella O:48
TR1355	Anti-Salmonella O:50
TR1356	Anti-Salmonella O:51
TR1357	Anti-Salmonella O:52
TR1358	Anti-Salmonella O:53
TR1359	Anti-Salmonella O:54
TR1360	Anti-Salmonella O:55
TR1361	Anti-Salmonella O:56
TR1362	Anti-Salmonella O:57
TR1363	Anti-Salmonella O:58
TR1364	Anti-Salmonella O:59
TR1365	Anti-Salmonella O:60
TR1366	Anti-Salmonella O:61
TR1367	Anti-Salmonella O:62
TR1368	Anti-Salmonella O:63
TR1369	Anti-Salmonella O:65
TR1370	Anti-Salmonella O:66
TR1371	Anti-Salmonella O:67
TR1316	Anti-Salmonella Vi

Sonstige Produkte
Autres dispositifs/Other devices

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Testreagenzien Anti-Salmonella O, Vi

Réactifs de test Anti-Salmonella O, Vi


Test Reagents Anti-Salmonella O, Vi

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DIN EN ISO 18113-1:2013,
DIN EN ISO 18113-2:2013,
DIN EN ISO 23640:2015

Konformitätsbewertungsverfahren: Anhang III
Procédure d'évaluation de la conformité: Annexe III
Conformity assessment procedure: Annex III

Gültig bis: 2027-05-25
Valable jusqu'au:
Valid until:

Berlin, 25.01.2022



Dr. Kathrin Landgrebe
Sicherheitsbeauftragte für Medizinprodukte
Agent de sécurité / Safety Officer



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Testreagenzien Anti-Salmonella H-Phasen-Pools
Réactifs pour tests Anti-Salmonella H-Phase Pools
Test Reagents Anti-Salmonella H-Phases pools

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die Medizinprodukte (IVD):
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the medical devices (IVD):

Testreagenzien Anti-Salmonella H-Phasen-Pools
Réactifs pour tests Anti-Salmonella H-Phase Pools
Test Reagents Anti-Salmonella H-Phases pools

TR1181	Anti-Salmonella HMA
TR1181-01	Anti-Salmonella HMA
TR1183	Anti-Salmonella HMB
TR1183-01	Anti-Salmonella HMB
TR1185	Anti-Salmonella HMC
TR1185-01	Anti-Salmonella HMC

Sonstige Produkte
Autres dispositifs/Other devices

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Testreagenzien Anti-Salmonella H-Phasen-Pools
Réactifs pour tests Anti-Salmonella H-Phase Pools
Test Reagents Anti-Salmonella H-Phases pools

Konformitätsbewertungsverfahren: Anhang III
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Testreagenzien Anti-Salmonella H
Réactifs pour tests Anti-Salmonella H
Test Reagents Anti-Salmonella H

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the medical devices (IVD):

Testreagenzien Anti-Salmonella H
Réactifs pour tests Anti-Salmonella H
Test Reagents Anti-Salmonella H

TR1401	Anti-Salmonella H:a
TR1402	Anti-Salmonella H:b
TR1403	Anti-Salmonella H:c
TR1404	Anti-Salmonella H:d
TR1405	Anti-Salmonella H:E
TR1405-01	Anti-Salmonella H:E
TR1407	Anti-Salmonella H:f
TR1406	Anti-Salmonella H:g
TR1406-01	Anti-Salmonella H:g
TR1408	Anti-Salmonella H:g,m
TR1408-01	Anti-Salmonella H:g,m
TR1409	Anti-Salmonella H:h
TR1410	Anti-Salmonella H:i
TR1410-01	Anti-Salmonella H:i
TR1411	Anti-Salmonella H:k
TR1412	Anti-Salmonella H:L
TR1412-01	Anti-Salmonella H:L
TS1413	Anti-Salmonella H:m
TR1438	Anti-Salmonella H:n
TS1414	Anti-Salmonella H:p
TS1415	Anti-Salmonella H:q
TR1416	Anti-Salmonella H:r
TS1417	Anti-Salmonella H:s
TS1418	Anti-Salmonella H:t
TS1419	Anti-Salmonella H:u
TS1420	Anti-Salmonella H:v
TS1421	Anti-Salmonella H:w
TS1422	Anti-Salmonella H:x
TR1423	Anti-Salmonella H:y



EG-Konformitätserklärung
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Testreagenzien Anti-Salmonella H
Réactifs pour tests Anti-Salmonella H
Test Reagents Anti-Salmonella H

TR1424	Anti-Salmonella H:z
TS1425	Anti-Salmonella H:Z ₄ ,Z ₂₃
TS1426	Anti-Salmonella H:Z ₆
TR1427	Anti-Salmonella H:Z ₁₀
TS1428	Anti-Salmonella H:Z ₁₅
TR1440	Anti-Salmonella H:Z ₂₃
TS1429	Anti-Salmonella H:Z ₂₄
TS1449	Anti-Salmonella H:Z ₂₈
TS1430	Anti-Salmonella H:Z ₂₉
TS1431	Anti-Salmonella H:Z ₃₂
TR1445	Anti-Salmonella H:Z ₃₅
TR1447	Anti-Salmonella H:Z ₃₈
TR1448	Anti-Salmonella H:Z ₄₁
TR1437	Anti-Salmonella H:1
TR1437-01	Anti-Salmonella H:1
TR1433	Anti-Salmonella H:2
TR1433-01	Anti-Salmonella H:2
TS1434	Anti-Salmonella H:5
TR1435	Anti-Salmonella H:6
TS1436	Anti-Salmonella H:7

Sonstige Produkte
Autres dispositifs/Other devices

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

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DIN EN ISO 15223-1:2021,
DIN EN ISO 18113-1:2013,
DIN EN ISO 18113-2:2013,
DIN EN ISO 23640:2015



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CE-Declaration de Conformité / EC-Declaration of Conformity



Testreagenzien Anti-Salmonella H
Réactifs pour tests Anti-Salmonella H
Test Reagents Anti-Salmonella H

Konformitätsbewertungsverfahren: Anhang III
Procédure d'évaluation de la conformité: Annexe III
Conformity assessment procedure: Annex III

Gültig bis: 2027-05-25
Valable jusqu'au:
Valid until:

Berlin, 25.01.2022

Dr. Kathrin Landgrebe
Sicherheitsbeauftragte für Medizinprodukte
Agent de sécurité / Safety Officer

Certificate

mdc medical device certification GmbH
certifies that

Biolife Italiana Srl
Viale Monza 272
20128 Milano
Italy

for the scope

**Design, manufacturing and distribution of
in-vitro diagnostic microbiological culture media**
Distribution of in-vitro diagnostic 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 9001

Quality management systems –
Requirements

(ISO 9001:2015)

Valid from	2021-12-20
Valid until	2024-08-29
Registration no.	D2001500017
Report no.	P21-00807-224077
Stuttgart	2021-12-20



Head of Certification Body



Certificate

mdc medical device certification GmbH
certifies that

Biolife Italiana Srl
Viale Monza 272
20128 Milano
Italy

for the scope

**Design, manufacturing and distribution of
in-vitro diagnostic microbiological culture media**
Distribution of in-vitro diagnostic 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	2021-12-20
Valid until	2024-08-29
Registration no.	D2001500016
Report no.	P21-00807-224075
Stuttgart	2021-12-20



Head of Certification Body





Biolife Italiana S.r.l

Viale Monza, 272
20128 Milano - Italy
Tel +39 02.25.209.1
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www.biolifeitaliana.it

Certified Quality System
ISO 13485:2021
Cert. n° D2001500016
ISO 9001:2015
Cert. n° D2001500017
ISO 14001:2015
Cert. n° AQS/A/104002023

DICHIARAZIONE DI CONFORMITÀ CE PER DISPOSITIVI MEDICI DIAGNOSTICI IN VITRO EC Declaration of Conformity for IN VITRO DIAGNOSTIC MEDICAL DEVICES

La sottoscritta, fabbricante
We, the undersigned manufacturer

Biolife Italiana S.r.l.

Con Sede Legale in
With Registered Office in

Viale Monza 272, 2018 - Milano

SRN: IT-MF-000018174

Dichiara sotto la propria responsabilità che i prodotti descritti di seguito sono classificati come
DISPOSITIVI DIAGNOSTICI IN VITRO DI CLASSE A
Valutazione della conformità in accordo a: ALLEGATO IV (Dichiarazione CE di conformità)

Herewith declare under our sole responsibility that the products described here below are **IVDs** classified as Class A.
Conformity assessment according to: ANNEX IV (EC Declaration of conformity)

Inoltre dichiara che tali prodotti sono conformi ai requisiti del:
It also declares that these products comply with the requirements of the:

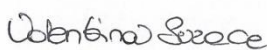
Regolamento (UE) 2017/746 del parlamento Europeo e del consiglio del 5 Aprile 2017, pubblicato su GU L 117 del 5.5.2017, pag. 176
Regulation (UE) 2017/746 of the European Parliament and of the Council of 27th October 1998 of In Vitro Diagnostic Medical Device, published in the Official Journal L117 on 5th May 2017, pag.176.

Inoltre, sono applicate le seguenti Norme Armonizzate:
In addition, the following Harmonized Standards are applied:

Norme Armonizzate/ Harmonized Standards

“REACH” REGULATION 1907/2009/EC
EN ISO 13485:2016
EN ISO 14971:2019
Regulation (CE) n. 1272/2008
UNI EN 18113-1:2012
UNI EN 18113-2:2012
UNI EN 23640:2015
EN ISO 15223-1:2021
EN ISO 20417:2021
EN 12322:1999

Emissione/ Emission : 18/09/2023
Rev. 05 - IVDR


Valentina Surace
Quality Assurance &
Regulatory Affairs Manager


Beatrice Brunelli
CEO



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Certified Quality System
ISO 13485:2021
Cert. n° D2001500016
ISO 9001:2015
Cert. n° D2001500017
ISO 14001:2015
Cert. n° AQS/A/104002023

TERRENI DI COLTURA PRONTI IN FLACONE / READY-TO USE CULTURE MEDIA IN FLASK

REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
5115412	HEKTOEN ENTERIC AGAR - 6 x 100 mL	08054187137266	805418713MEDI AFLASK0051E4
5115413	HEKTOEN ENTERIC AGAR - 6 x 200 mL	08054187137273	805418713MEDI AFLASK0051E4
5115824	LEGIONELLA AGAR BASE (BCYE) - 6 X 180 mL	08054187137280	805418713MEDI AFLASK0051E4
5116702	MAC CONKEY AGAR - 6 x 100 mL	08054187137419	805418713MEDI AFLASK0051E4
5116703	MAC CONKEY AGAR (EP, USP, JP) - 6 x 200 mL	08054187137426	805418713MEDI AFLASK0051E4
5118102	NUTRIENT AGAR (ISO 8523/6579/10273) - 6 x 100 mL	08054187137501	805418713MEDI AFLASK0051E4
5119632	PSEUDOMONAS SELECTIVE AGAR (CETRIMIDE) (EP, USP, JP) - 6 x 100 mL	08054187137655	805418713MEDI AFLASK0051E4
5120002	SABOURAUD BROTH - 6 x 100 mL	08054187137730	805418713MEDI AFLASK0051E4
5120052	SABOURAUD DEXTROSE AGAR (EP, USP, JP) - 6 x 100 mL	08054187137747	805418713MEDI AFLASK0051E4
5120053	SABOURAUD DEXTROSE AGAR (EP, USP, JP) - 6 x 200 mL	08054187137754	805418713MEDI AFLASK0051E4
5120062	SABOURAUD DEXTROSE AGAR W/CAF 50 - 6 x 100 mL	08054187137761	805418713MEDI AFLASK0051E4
5120063	SABOURAUD DEXTR.AG+CAF - 6 x 200 mL	08054187138973	805418713MEDI AFLASK0051E4
5120252	SELENITE BROTH - 6 x 100 mL	08054187137778	805418713MEDI AFLASK0051E4
5121372	THIOGLYCOLLATE MEDIUM - 6 x 100 mL	08054187137013	805418713MEDI AFLASK0051E4
5121502	TRYPTIC SOY AGAR (EP, USP, JP) - 6 x 100 mL	08054187137853	805418713MEDI AFLASK0051E4
5121503	TRYPTIC SOY AGAR (EP, USP, JP) - 6 x 200 mL	08054187137860	805418713MEDI AFLASK0051E4
5121552	TRYPTIC SOY BROTH (EP, USP, JP) - 6 x 100 mL	08054187137877	805418713MEDI AFLASK0051E4
5121553	TRYPTIC SOY BROTH (EP, USP, JP) - 6 x 200 mL	08056450500012	805645050MEDI AFLASK0051E4

TERRENI DI COLTURA PRONTI IN PIASTRA / READY-TO USE CULTURE MEDIA IN PLATES

REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
491013	DERMATOPHYTE TEST MEDIUM/SABOURAUD DEXTROSE AGAR + CAF - 20 piastre	08054187136900	805418713MEDIAPLATES049TG
491032	XLD AGAR/SS AGAR - 20 piastre	08054187136924	805418713MEDIAPLATES049TG
495350	CHROMOGENIC SALMONELLA AGAR/HEKTOEN ENTERIC AGAR - 20 piastre	08054187136979	805418713MEDIAPLATES049TG
495351	CHROMOGENIC SALMONELLA AGAR/XLD AGAR - 20 piastre	08054187136986	805418713MEDIAPLATES049TG
541111	CAMPYLOBACTER AGAR BLASER WANG - 20 piastre	08054187133411	805418713MEDIAPLATES054T9
541136	COLUMBIA BLOOD AGAR - 20 piastre	08054187131875	805418713MEDIAPLATES054T9
541151	BLOOD AGAR SHEEP - 20 piastre	08054187131738	805418713MEDIAPLATES054T9
541153	BCSA BURKHOLDERIA CEPACIA SELECTIVE AGAR NOVITÀ - 20 piastre	08056450505345	805645050MEDIAPLATES054MK
541180	BLOOD AGAR HORSE - 20 piastre	08054187133381	805418713MEDIAPLATES054T9
541235	BRAIN HEART INFUSION AGAR - 20 piastre	08054187133428	805418713MEDIAPLATES054T9
541283	CAMPYLOBACTER BLOOD FREE AGAR (KARMALI) - 20 piastre	08054187131745	805418713MEDIAPLATES054T9
541361	COLUMBIA CNA BLOOD AGAR - 20 piastre	08054187131882	805418713MEDIAPLATES054T9
541363	COLUMBIA CNA-CV BLOOD AGAR - 20 piastre	08054187131899	805418713MEDIAPLATES054T9
541369	DERMATOPHYTE SELECTIVE MEDIUM (DTM) - 20 piastre	08054187136085	805418713MEDIAPLATES054T9
541519	CHOCOLATE AGAR BACITRACINE - 20 piastre	08054187131776	805418713MEDIAPLATES054T9
541521	CHOCOLATE AGAR ENRICHED - 20 piastre	08054187131783	805418713MEDIAPLATES054T9
541522	MODIFIED THAYER MARTIN AGAR - 20 piastre	08054187136641	805418713MEDIAPLATES054T9
541541	HEKTOEN ENTERIC AGAR - 20 piastre	08054187131929	805418713MEDIAPLATES054T9
541595	LEVINE EMB BLUE AGAR - 20 Piastre	08054187136672	805418713MEDIAPLATES054T9
541665	MANNITOL SALT AGAR - 20 piastre	08054187132025	805418713MEDIAPLATES054T9
541670	MAC CONKEY AGAR - 20 piastre	08054187132001	805418713MEDIAPLATES054T9
541672	MAC CONKEY AGAR MUG - 20 piastre	08054187132018	805418713MEDIAPLATES054T9
541740	MUELLER HINTON AGAR II - 20 piastre	08054187132056	805418713MEDIAPLATES054T9
541742	MUELLER HINTON CHOCOLATE AGAR - 20 piastre	08054187136337	805418713MEDIAPLATES054T9
541743	MUELLER HINTON AGAR BLOOD SHEEP - 20 piastre	08054187136344	805418713MEDIAPLATES054T9
541810	NUTRIENT AGAR - 20 piastre	08054187136351	805418713MEDIAPLATES054T9
541901	CLED AGAR - 20 piastre	08054187131820	805418713MEDIAPLATES054T9
541963	PSEUDOMONAS SELECTIVE AGAR - 20 piastre	08054187132070	805418713MEDIAPLATES054T9
541985	ROGOSA BIOS AGAR - 20 piastre	08054187132087	805418713MEDIAPLATES054T9



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542005	SABOURAUD DEXTROSE AGAR - 20 piastre	08054187132100	805418713MEDIAPLATES054T9
542006	SABOURAUD DEXTROSE AGAR + CAF - 20 piastre	08054187132117	805418713MEDIAPLATES054T9
542008	SABOURAUD DEXTROSE AGAR +CAF+CYCLOHEXIMIDE - 20 piastre	08054187132124	805418713MEDIAPLATES054T9
542009	SABOURAUD DEXTROSE AGAR + CAF + GENTAMICIN - 20 piastre	08054187132131	805418713MEDIAPLATES054T9
542075	SS AGAR - 20 piastre	08054187132162	805418713MEDIAPLATES054T9
542106	TCBS KOBAYASHI AGAR - 20 piastre	08054187136443	805418713MEDIAPLATES054T9
542150	TRYPTIC SOY AGAR - 20 piastre	08054187132261	805418713MEDIAPLATES054T9
542181	UREAPLASMA DIFFERENTIAL AGAR A7 - 20 piastre	08054187135804	805418713MEDIAPLATES054T9
542200	WURTZ AGAR - 20 piastre	08054187132278	805418713MEDIAPLATES054T9
542206	XLD AGAR - 20 piastre	08054187132285	805418713MEDIAPLATES054T9
545350	CHROMOGENIC SALMONELLA AGAR - 20 piastre	08054187131790	805418713MEDIAPLATES054T9
546550	STRONGYLOIDES STERCORALIS AGAR - 20 piastre	08054187136719	805418713MEDIAPLATES054T9
548000	CHROMALBICANS AGAR - 20 piastre	08054187136702	805418713MEDIAPLATES054T9
548005	CHROMOGENIC CANDIDA AGAR - 20 piastre	08054187136139	805418713MEDIAPLATES054T9
548010	CHROMOGENIC STREPTO B AGAR - 20 piastre	08054187132346	805418713MEDIAPLATES054T9
548015	CHROMART CRE - 20 piastre	08056450503570	805645050MEDIAPLATES054MK
548020	CHROMART ESBL - 20 piastre	08056450503563	805645050MEDIAPLATES054MK
549510	OXACILLIN-SALT SCREEN AGAR - 20 piastre	08054187136696	805418713MEDIAPLATES054T9
549520	VANCOMYCIN SCREEN AGAR - 20 piastre	08054187136726	805418713MEDIAPLATES054T9
549850	SUPPLEMENTED BRUCELLA AGAR - 20 piastre	08054187135002	805418713MEDIAPLATES054T9
549901	HAEMOPHILUS TEST MEDIUM - 20 piastre	08054187131912	805418713MEDIAPLATES054T9
549905	BORDETELLA SELECTIVE AGAR - 20 piastre	08054187134890	805418713MEDIAPLATES054T9
549907	SCHAEDLER SELECTIVE CNA BLOOD AGAR - 20 piastre	08054187136771	805418713MEDIAPLATES054T9
549943	LEGIONELLA AGAR BASE W/O CYSTEINE - 20 piastre	08054187131974	805418713MEDIAPLATES054T9
549945	LEGIONELLA AGAR - 20 piastre	08054187131967	805418713MEDIAPLATES054T9
549989	SCHAEDLER BLOOD AGAR - 20 piastre	08056450500753	805645050MEDIAPLATES054MK
549990	SCHAEDLER SELECTIVE BLOOD AGAR - 20 piastre	08054187139529	805418713MEDIAPLATES054T9
549993	GARDNERELLA SELECTIVE AGAR - 20 piastre	08054187131905	805418713MEDIAPLATES054T9
549994	HERELLEA AGAR - 20 piastre	08056450501040	805645050MEDIAPLATES054MK
549995	LEGIONELLA SELECTIVE AGAR (GVPC) - 20 piastre	08054187131950	805418713MEDIAPLATES054T9
549997	YERSINIA SELECTIVE MEDIUM - 20 piastre	08054187136603	805418713MEDIAPLATES054T9
549998	SERUM TELLURITE AGAR - 20 piastre	08054187135798	805418713MEDIAPLATES054T9
501740P	MUELLER HINTON AGAR II 150 mm - 5 piastre	08054187132308	805418713MEDIAPLATES054T9
541669S	MAC CONKEY SORBITOL AGAR - 20 piastre	08054187136290	805418713MEDIAPLATES054T9
541740F	MUELLER HINTON AGAR F (MHA-F) - 20 piastre	08054187136320	805418713MEDIAPLATES054T9
549810G	CHROMOGENIC URINE AGAR IV - 20 piastre	08054187132032	805418713MEDIAPLATES054T9
54RPMI15	RPMI AGAR 150 mm - 5 piastre	08054187132339	805418713MEDIAPLATES054T9
54RPMI90	RPMI AGAR 90 mm - 20 piastre	08054187132094	805418713MEDIAPLATES054T9

TERRENI DI COLTURA PRONTI IN PIASTRA - linea COLOREX / READY-TO USE CULTURE MEDIA IN PLATES - COLOREX			
REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
54AC09	COLOREXTM ACINETOBACTER - 20 piastre	08056450505925	805645050COLOREXPLATE54RE
54AC09R	COLOREXTM ACINETOBACTER MDR - 20 piastre	08056450505956	805645050COLOREXPLATE54RE
54CD12	COLOREXTM CLOSTRIDIUM DIFFICILE - 20 piastre	08056450505901	805645050COLOREXPLATE54RE
54CQ26	COLOREXTM COLISTIN RESISTANCE - 20 piastre	08056450505932	805645050COLOREXPLATE54RE
54CP57	COLOREXTM CAMPYLOBACTER - 20 piastre	08056450505963	805645050COLOREXPLATE54RE
54CS17	COLOREXTM SUPERCARBA - 20 piastre	08056450505918	805645050COLOREXPLATE54RE
54LN76	COLOREXTM LINEZOLID RESISTANCE - 20 piastre	08056450506069	805645050COLOREXPLATE54RE
54MR50	COLOREXTM MRSA - 20 piastre	08056450505949	805645050COLOREXPLATE54RE
54SP37	COLOREXTM STREP A - 20 piastre	08056450506052	805645050COLOREXPLATE54RE
54TA67	COLOREXTM STAPHYLOCOCCUS AUREUS - 20 piastre	08056450505994	805645050COLOREXPLATE54RE
54VRE95	COLOREXTM VRE - 20 piastre	08056450505895	805645050COLOREXPLATE54RE
54ST16	COLOREX TM STEC - 20 piastre	08056450506502	805645050COLOREXPLATE54RE



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54CA24	COLOREX TM CANDIDA PLUS - 20 piastre	08056450506571	805645050COLOREXPLATE54RE
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TERRENI DI COLTURA PRONTI IN PROVETTA / READY-TO USE CULTURE MEDIA IN TUBES			
REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
551146	BIOTONE BROTH (TRYPTOSE) - 20 x 9 mL	08054187132216	805418713MEDIATUBES0055TC
551230	BRAIN HEART INFUSION BROTH - 20 x 9 mL	08054187131592	805418713MEDIATUBES0055TC
551524	GN BROTH HAJNA (ISTISAN 07/05) - 20 x 9 mL	08054187134746	805418713MEDIATUBES0055TC
551560	KLIGLER IRON AGAR (ISO 6579) - 20 pv incl.	08054187134753	805418713MEDIATUBES0055TC
551634	IUT MEDIUM - 20 pv incl.	08054187131615	805418713MEDIATUBES0055TC
551635	LOWENSTEIN-JENSEN MEDIUM - 20 pv incl.	08054187131622	805418713MEDIATUBES0055TC
551636	LYSINE IRON AGAR - 20 pv incl.	08054187132988	805418713MEDIATUBES0055TC
551743	MULLER KAUFFMANN TETRATHIONATE BROTH - 20 x 10 mL	08054187131646	805418713MEDIATUBES0055TC
551810	NUTRIENT AGAR (ISO 8523/6579/10273) - 20 pv incl.	08054187134791	805418713MEDIATUBES0055TC
551815	NUTRIENT BROTH - 20 x 9 mL	08054187133015	805418713MEDIATUBES0055TC
551980	RAPPAPORT VASSILIADIS BROTH (ISTISAN 96/35) - 20 x 10 mL	08054187131660	805418713MEDIATUBES0055TC
552000	SABOURAUD BROTH (EP, USP, JP) - 20 x 9 mL	08054187131462	805418713MEDIATUBES0055TC
552006	SABOURAUD DEXTROSE AGAR W/CAF 50 - 20 pv incl.	08054187132537	805418713MEDIATUBES0055TC
552008	SABOURAUD DEXTROSE AGAR WITH CAF CEX - 20 pv incl.	08054187132551	805418713MEDIATUBES0055TC
552025	SELENITE BROTH - 20 x 9 mL	08054187131387	805418713MEDIATUBES0055TC
552134	TODD-HEWITT BROTH - 20 x 9 mL	08054187133800	805418713MEDIATUBES0055TC
552137	THIOGLYCOLLATE MEDIUM (EP, USP, JP) - 20 x 10 mL	08054187131400	805418713MEDIATUBES0055TC
552141	TRIPLE SUGAR IRON AGAR USP - 20 pv incl.	08054187132995	805418713MEDIATUBES0055TC
552150	TRYPTIC SOY AGAR (EP, USP, JP) - 20 pv incl.	08054187134852	805418713MEDIATUBES0055TC
552155	TRYPTIC SOY BROTH (EP, USP, JP) - 20 x 9 mL	08054187132513	805418713MEDIATUBES0055TC
552175	UREA AGAR (ISO 6579) - 20 pv incl.	08054187134876	805418713MEDIATUBES0055TC
554002	PERGOLA MEDIUM - 20 pv incl.	08054187134982	805418713MEDIATUBES0055TC
5513311	TRICHOMONAS CPLM SELECTIVE BROTH - 20 x 9 mL	08054187131608	805418713MEDIATUBES0055TC
552134B	TODD-HEWITT CNA BROTH (LIM BROTH) - 20 x 9 mL	08054187133817	805418713MEDIATUBES0055TC

TERRENI DISIDRATATI / DEHYDRATED MEDIA			
REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
4011362	COLUMBIA AGAR BASE - 500 g	08054187139147	805418713MEDIAPOWDER040ZN
4011364	COLUMBIA AGAR BASE - 5 Kg	08054187139154	805418713MEDIAPOWDER040ZN
4011462	TRYPTOSE BROTH (BIOTONE) - 500 g	08054187138591	805418713MEDIAPOWDER040ZN
4011464	TRYPTOSE BROTH (BIOTONE) - 5 kg	08054187138607	805418713MEDIAPOWDER040ZN
4011532	BCSA BURKHOLDERIA CEPACIA SELECTIVE AGAR BASE NOVITÀ - 500 g	08056450505314	805645050MEDIAPOWDER040TY
4011552	BLOOD AGAR BASE - 500 g	08054187138638	805418713MEDIAPOWDER040ZN
4011554	BLOOD AGAR BASE - 5 Kg	08054187138645	805418713MEDIAPOWDER040ZN
4011562	BLOOD AGAR BASE N° 2 - 500 g	08054187134043	805418713MEDIAPOWDER040ZN
4011564	BLOOD AGAR BASE N° 3 - 5 Kg	08054187138652	805418713MEDIAPOWDER040ZN
4012302	BRAIN HEART INFUSION BROTH - 500 g	08054187133527	805418713MEDIAPOWDER040ZN
4012304	BRAIN HEART INFUSION BROTH - 5 Kg	08054187133510	805418713MEDIAPOWDER040ZN
4012352	BRAIN HEART INFUSION AGAR - 500 g	08054187138669	805418713MEDIAPOWDER040ZN
4012354	BRAIN HEART INFUSION AGAR - 5 Kg	08054187138676	805418713MEDIAPOWDER040ZN
4012802	CANDIDA AGAR (NICKERSON) - 500 g	08054187138751	805418713MEDIAPOWDER040ZN
4012832	CAMPYLOBACTER BLOOD FREE MEDIUM BASE KARMALI - 500 g	08054187133930	805418713MEDIAPOWDER040ZN
4013022	CIN AGAR BASE - 500 g	08054187135019	805418713MEDIAPOWDER040ZN
4013302	DRIGALSKY LACTOSE AGAR - 500 g	08054187139260	805418713MEDIAPOWDER040ZN
4013662	DECARBOXYLASE MOELLER BASE BROTH - 500 g	08054187139208	805418713MEDIAPOWDER040ZN
4013682	DESOXYRIBONUCLEASE TEST MEDIUM (Dnase) - 500 g	08054187134715	805418713MEDIAPOWDER040ZN
4013702	DESOXYCHOLATE AGAR - 500 g	08054187139215	805418713MEDIAPOWDER040ZN
4013752	DESOXYCHOLATE CITRATE AGAR - 500 g	08054187139239	805418713MEDIAPOWDER040ZN
4015202	GC MEDIUM BASE - 500 g	08054187139420	805418713MEDIAPOWDER040ZN



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4015204	GC MEDIUM BASE - 5 Kg	08054187139437	805418713MEDIAPOWDER040ZN
4015242	GN BROTH HAJNA - 500 g	08054187137365	805418713MEDIAPOWDER040ZN
4015412	HEKTOEN ENTERIC AGAR - 500 g	08054187134081	805418713MEDIAPOWDER040ZN
4015414	HEKTOEN ENTERIC AGAR - 5 Kg	08054187134074	805418713MEDIAPOWDER040ZN
4015432	HERELLEA AGAR - 500 g	08054187139482	805418713MEDIAPOWDER040ZN
4015602	KLIGLER IRON AGAR - 500 g	08054187138836	805418713MEDIAPOWDER040ZN
4015822	LEGIONELLA BCYE AGAR BASE - 500 g	08054187131271	805418713MEDIAPOWDER040ZN
4015824	LEGIONELLA BCYE AGAR B - 5 Kg	08054187131240	805418713MEDIAPOWDER040ZN
4015952	LEVINE EMB BLUE AGAR - 500 g	08054187139581	805418713MEDIAPOWDER040ZN
4015954	LEVINE EMB BLUE AGAR - 5 Kg	08054187139604	805418713MEDIAPOWDER040ZN
4016352	LOWENSTEIN JENSEN MEDIUM BASE - 500 g	08054187133046	805418713MEDIAPOWDER040ZN
4016354	LOWENSTEIN JENSEN MEDIUM BASE - 5 Kg	08054187133053	805418713MEDIAPOWDER040ZN
4016362	LYSINE IRON AGAR - 500 g	08054187139000	805418713MEDIAPOWDER040ZN
4016652	MANNITOL SALT AGAR - 500 g	08054187133534	805418713MEDIAPOWDER040ZN
4016654	MANNITOL SALT AGAR - 5 Kg	08054187133541	805418713MEDIAPOWDER040ZN
4016702	MAC CONKEY AGAR - 500 g	08054187132254	805418713MEDIAPOWDER040ZN
4016704	MAC CONKEY AGAR - 5 Kg	08054187132247	805418713MEDIAPOWDER040ZN
4016722	MAC CONKEY AGAR MUG - 500 g	08054187139741	805418713MEDIAPOWDER040ZN
4016724	MAC CONKEY AGAR MUG - 5 Kg	08054187139758	805418713MEDIAPOWDER040ZN
4016852	MALONATE BROTH - 500 g	08054187139772	805418713MEDIAPOWDER040ZN
4017352	MRVP MEDIUM - 500 g	08054187133176	805418713MEDIAPOWDER040ZN
4017402	MUELLER HINTON AGAR II - 500 g	08054187136245	805418713MEDIAPOWDER040ZN
4017404	MUELLER HINTON AGAR II - 5 Kg	08054187136238	805418713MEDIAPOWDER040ZN
4017412	MUELLER HINTON BROTH - 500 g	08054187139871	805418713MEDIAPOWDER040ZN
4017432	MULLER KAUFFMANN TETRATHIONATE BROTH BASE - 500 g	08054187139888	805418713MEDIAPOWDER040ZN
4017434	MULLER KAUFFMAN TET.BROTH - 5 Kg	08054187139895	805418713MEDIAPOWDER040ZN
4018102	NUTRIENT AGAR - 500 g	08054187133206	805418713MEDIAPOWDER040ZN
4018104	NUTRIENT AGAR - 5 Kg	08054187133213	805418713MEDIAPOWDER040ZN
4018152	NUTRIENT BROTH - 500 g	08054187137105	805418713MEDIAPOWDER040ZN
4018154	NUTRIENT BROTH - 5 Kg	08054187137112	805418713MEDIAPOWDER040ZN
4018362	O/F HUGH LEIFSON BASE - 500 g	08056450500050	805645050MEDIAPOWDER040TY
4019162	PHENYLALANINE AGAR - 500 g	08054187135712	805418713MEDIAPOWDER040ZN
4019632	PSEUDOMONAS SELECTIVE AGAR - 500 g	08054187133978	805418713MEDIAPOWDER040ZN
4019802	RAPPAPORT VASSILIADIS (RV) BROTH - 500 g	08054187132612	805418713MEDIAPOWDER040ZN
4019804	RAPPAP.VASSILIAD(RV)BROTH - 5 Kg	08054187132629	805418713MEDIAPOWDER040ZN
4019852	ROGOSA BIOS AGAR - 500 g	08054187134678	805418713MEDIAPOWDER040ZN
4020002	SABOURAUD BROTH - 500 g	08054187131431	805418713MEDIAPOWDER040ZN
4020004	SABOURAUD BROTH - 5 Kg	08054187131455	805418713MEDIAPOWDER040ZN
4020052	SABOURAUD DEXTROSE AGAR - 500 g	08054187131257	805418713MEDIAPOWDER040ZN
4020054	SABOURAUD DEXTROSE AGAR - 5 Kg	08054187131264	805418713MEDIAPOWDER040ZN
4020062	SABOURAUD DEXTROSE AGAR W/ CAF 50 mg - 500 g	08054187131936	805418713MEDIAPOWDER040ZN
4020064	SABOURAUD DEXTROSE AGAR W/ CAF 50 mg - 5 Kg	08054187131943	805418713MEDIAPOWDER040ZN
4020072	SABOURAUD DEXTROSE AGAR W/ CAF 500 mg - 500 g	08056450500180	805645050MEDIAPOWDER040TY
4020252	SELENITE BROTH - 500 g	08054187136153	805418713MEDIAPOWDER040ZN
4020254	SELENITE BROTH - 5 Kg	08054187136160	805418713MEDIAPOWDER040ZN
4020362	SIM BIOS MEDIUM - 500 g	08056450500289	805645050MEDIAPOWDER040TY
4020452	SIMMONS CITRATE AGAR - 500 g	08054187132179	805418713MEDIAPOWDER040ZN
4020752	SS AGAR - 500 g	08054187138393	805418713MEDIAPOWDER040ZN
4020754	SS AGAR - 5 Kg	08054187138409	805418713MEDIAPOWDER040ZN
4021062	TCBS KOBAYASHI AGAR - 500 g	08054187134562	805418713MEDIAPOWDER040ZN
4021064	TCBS KOBAYASHI AGAR - 5 Kg	08054187134579	805418713MEDIAPOWDER040ZN
4021342	TODD-HEWITT BROTH - 500 g	08056450500456	805645050MEDIAPOWDER040TY
4021372	THIOGLYCOLLATE MEDIUM - 500 g	08054187133282	805418713MEDIAPOWDER040ZN



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4021374	THIOGLYCOLLATE MEDIUM - 5 Kg	08054187133299	805418713MEDIAPOWDER040Z
4021412	TRIPLE SUGAR IRON AGAR U.S.P. - 500 g	08054187134029	805418713MEDIAPOWDER040Z
4021502	TRYPTIC SOY AGAR - 500 g	08054187131356	805418713MEDIAPOWDER040Z
4021504	TRYPTIC SOY AGAR - 5 Kg	08054187131370	805418713MEDIAPOWDER040Z
4021512	TRYPTIC SOY BLOOD AGAR BASE - 500 g	08054187134197	805418713MEDIAPOWDER040Z
4021514	TRYPTIC SOY BLOOD AGAR BASE - 5 Kg	08054187134203	805418713MEDIAPOWDER040Z
4021552	TRYPTIC SOY BROTH - 500 g	08054187133725	805418713MEDIAPOWDER040Z
4021554	TRYPTIC SOY BROTH - 5 Kg	08054187133732	805418713MEDIAPOWDER040Z
4021752	UREA AGAR BASE-CHRISTENSEN - 500 g	08056450500470	805645050MEDIAPOWDER040TY
4021802	UREA BROTH BASE - STUART - 500 g	08054187135729	805418713MEDIAPOWDER040Z
4022062	XLD AGAR - 500 g	08054187131547	805418713MEDIAPOWDER040Z
4022064	XLD AGAR - 5 Kg	08054187131554	805418713MEDIAPOWDER040Z
4053502	CHROMOGENIC SALMONELLA AGAR BASE - 500 g	08054187139079	805418713MEDIAPOWDER040Z
4080002	CHROMALBICANS AGAR - 500 g	08054187133893	805418713MEDIAPOWDER040Z
4080052	CHROMOGENIC CANDIDA AGAR - 500 g	08054187137556	805418713MEDIAPOWDER040Z
4080102	CHROMOGENIC STREPTO B AGAR BASE - 500 g	08054187138225	805418713MEDIAPOWDER040Z
4080252	CHROMART CRE-ESBL AGAR BASE - 500 g	08056450503587	805645050MEDIAPOWDER040TY
40113612	COLUMBIA CNA AGAR BASE - 500 g	08056450500388	805645050MEDIAPOWDER040TY
40113614	COLUMBIA CNA AGAR BASE - 5 Kg	08056450500395	805645050MEDIAPOWDER040TY
40121022	BISMUTH SULPHITE AGAR - 500 g	08054187138621	805418713MEDIAPOWDER040Z
40129012	CLED MEDIUM - 500 g	08054187139116	805418713MEDIAPOWDER040Z
40129014	CLED MEDIUM - 5 kg	08056450501545	805645050MEDIAPOWDER040TY
40136912	DERMATOPHYTE SELECTIVE MEDIUM - DTM - (TAPLIN) - 500 g	08056450501002	805645050MEDIAPOWDER040TY
402025B2	SELENITE BROTH BASE - 500 g	08056450501682	805645050MEDIAPOWDER040TY
409810G2	CHROMOGENIC URINE AGAR IV - 500 g	08054187137358	805418713MEDIAPOWDER040Z
4011534	BCSA BURKHOL.CEP.SEL.AGAR BASE - 5 kg	08056450505321	805645050MEDIAPOWDER040TY
4019634	PSEUDOMONAS SELECTIVE AG. - 5 kg	08054187133961	805418713MEDIAPOWDER040Z
4053504	CHROMOGENIC SALMO.AG.BASE - 5 kg	08056450503037	805645050MEDIAPOWDER040TY
4080004	CHROMALBICANS AGAR - 5 kg	08054187133909	805418713MEDIAPOWDER040Z
4080054	CHROMOGENIC CANDIDA AGAR - 5 kg	08056450503181	805645050MEDIAPOWDER040TY

ADDITIVI PER TERRENI DI COLTURA / ADDITIVES FOR CULTURE MEDIA

REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
423210	LEGIONELLA BCYE α -GROWTH SUPPLEMENT - 4 fl (1x500 mL T)	08054187133770	805418713SUPPLEMENTS042KX
423212	LEGIONELLA BCYE α -GROWTH SUPPLEMENT w/o CYSTEINE - 4 fl (1x500 mL T)	08056450501767	805645050SUPPLEMENTS042E9
423215	LEGIONELLA GVPC SELECTIVE SUPPLEMENT - 4 fl (1x500 mL T)	08054187135460	805418713SUPPLEMENTS042KX
4240007	VCN ANTIMICROBIC SUPPLEMENT - 10 fl (1x500 mL T)	08054187134395	805418713SUPPLEMENTS042KX
4240008	VCNT ANTIMICROBIC SUPPLEMENT - 10 fl (1x500 mL T)	08054187135675	805418713SUPPLEMENTS042KX
4240009	BIOVITEX -RESTORING FLUID - 5+5 (1+1x500 mL T)	08056450503273	805645050SUPPLEMENTS042E9
4240011	YERSINIA SELECTIVE SUPPLEMENT - 10 fl (1x500 mL T)	08054187135521	805418713SUPPLEMENTS042KX
4240013	SALMONELLA SELECTIVE SUPPLEMENT - 5+5 fl (1+1 x500 mL T)	08054187136009	805418713SUPPLEMENTS042KX
4240013A	SALMONELLA SELECTIVE SUPPLEMENT VIAL A	08056450506625	805645050SUPPLEMENTS042E9
4240013B	SALMONELLA SELECTIVE SUPPLEMENT VIAL B	08056450506637	805645050SUPPLEMENTS042E9
425350EAES2	SALMONELLA LIQUID SUPPLEMENT (VIAL A), 6 vials, each for 10 litres of medium base	08056450503754	805645050SUPPLEMENTS042E9
425350SAES2	SALMONELLA SELECTIVE SUPPLEMENT (VIAL B), 6 vials, each for 10 litres of medium base	08056450503761	805645050SUPPLEMENTS042E9
4240016	SKIRROW ANTIMICROBIC SUPPLEMENT - 10 fl (1x500 mL T)	08054187136016	805418713SUPPLEMENTS042KX
4240018	CNA ANTIMICROBIC SUPPLEMENT - 10 fl (1x500 mL T)	08054187134517	805418713SUPPLEMENTS042KX
4240019	GARDNERELLA ANTIMICROBIC SUPPLEMENT	08054187135392	805418713SUPPLEMENTS042KX
4240021	CAMPYLOBACTER GROWTH SUPPLEMENT - 10 fl (1x500 mL T)	08054187134494	805418713SUPPLEMENTS042KX
4240024	DERMATOPHYTE ANTIMICROBIC SUPPLEMENT - 10 fl (1x500 mL T)	08054187135378	805418713SUPPLEMENTS042KX
4240035	KARMALI ANTIMICROBIC SUPPLEMENT - 10 fl (1x500 mL T)	08054187135439	805418713SUPPLEMENTS042KX
4240053	STREPTO B SUPPLEMENT - 10 fl (1x500 mL T)	08054187138300	805418713SUPPLEMENTS042KX
4240073	BCSA Selective supplement - 10 fl (1x500 mL T)	08056450505338	805645050SUPPLEMENTS042E9



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Certified Quality System
ISO 13485:2021
Cert. n° D2001500016
ISO 9001:2015
Cert. n° D2001500017
ISO 14001:2015
Cert. n° AQS/A/104002023

4240080	CHROMART ESBL SUPPLEMENT - 10 fl (1x500 mL T)	08056450503631	805645050SUPPLEMENTS042E9
4240082	CHROMART CRE SUPPLEMENT - 10 fl (1x500 mL T)	08056450503624	805645050SUPPLEMENTS042E9
4240096	UREA 40% SOLUTION - 10 x 5 mL	08056450500425	805645050SUPPLEMENTS042E9
42185011	BIOVITEX -RESTORING FLUID - 1+1 (x 5 Litri T)	08054187135163	805418713SUPPLEMENTS042KX
42211601	UREA 40% SOLUTION - 50 mL	08054187135149	805418713SUPPLEMENTS042KX

IVD PER L'IDENTIFICAZIONE MICROBICA / IVD FOR MICROBIAL IDENTIFICATION

REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
191500	MUCAP TEST - 8 mL	08054187132933	805418713MICROIDENTIFICKJ
429936	COAGULASE PLASMA EDTA - 4 fl x 15mL	08054187135538	805418713MICROIDENTIFICKJ
429937	COAGULASE PLASMA EDTA - 4 fl x 7,5mL	08054187132391	805418713MICROIDENTIFICKJ
429938	COAGULASE PLASMA EDTA - 10 x 3mL	08054187132407	805418713MICROIDENTIFICKJ
19171000	KOVACS' REAGENT - 50 mL	08054187138041	805418713MICROIDENTIFICKJ
19171001	KOVACS' REAGENT - 500 mL	08054187138058	805418713MICROIDENTIFICKJ
191040ST	OXIDASE TEST STRIPS - 30 pz	08054187132926	805418713MICROIDENTIFICKJ

SISTEMI DI RACCOLTA - TRATTAMENTO / COLLECTION - TREATMENT SYSTEMS

REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
225000	A.L.L. DIGESTION NEUTRALISATION KIT - circa 20 test	08054187132872	805418713COLLECTION00223D
225020	A.L.L. SOLUTION - 50 mL	08054187132896	805418713COLLECTION00223D
225040	PHOSPHATE BUFFER 0,067 M pH 6,8 - 500 mL	08054187132902	805418713COLLECTION00223D
2203454	DIGESTION REAGENT - 500 mL	08054187133008	805418713COLLECTION00223D
224001	SPUTAFLUID - 4 flaconi	08054187132865	805418713COLLECTION00223D

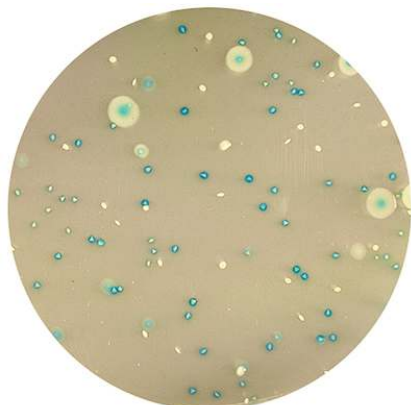
KIT PER PARASSITOLOGIA / PARASITOLOGY KIT

REF.	PRODUCT NAME	UDI-DI	BASIC UDI-DI
25RPP2000	MINI-SYSTEM ECOSAF 150 pezzi	08056450506311	805645050PARASITOLOGY25Q3
25RPP8010	MIDI-SYSTEM ECOSAF 98 pezzi	08056450506328	805645050PARASITOLOGY25Q3
25RPPPEY	MINI-SYSTEM EMPTY BULK 500 PZ	08056450506724	805645050PARASITOLOGY25Q3
25RPP7000	MINI-SYSTEM PARAGREEN	08056450506267	805645050PARASITOLOGY25Q3
25RPP8000	MIDI-SYSTEM PARAGREEN	08056450506274	805645050PARASITOLOGY25Q3

ChromArt

TRYPTONE BILE X-GLUC (TBX) AGAR

Dehydrated culture medium and ready-to use medium


 TBX Agar: colonies of *E. coli* (blue-green) and *E. aerogenes* (white)

1 - INTENDED USE

 For the enumeration of β -glucuronidase positive *Escherichia coli* in foods and animal feeding stuffs.

COMPOSITION - TYPICAL FORMULA *

(AFTER RECONSTITUTION WITH 1 L OF WATER)

DEHYDRATED MEDIUM, READY-TO-USE PLATES, TUBES AND FLASKS

Tryptone (enzymatic digest of casein)	20.0 g
Bile Salts No. 3	1.5 g
Agar	14.0 g
5-bromo-4-chloro-3-indoxyl- β -D-glucuronide (X-GLUC) [^]	75.0 mg

*The formula may be adjusted and/or supplemented to meet the required performances criteria.

^: cyclohexammonium salt

3 - PRINCIPLE OF THE METHOD AND EXPLANATION OF THE PROCEDURE

 Tryptone Bile X-Glucuronide (TBX) Agar is based on the formulation of Tryptone Bile Agar originally devised for the enumeration of *E. coli* in food materials.^{1,2} TBX Agar is a modification of Tryptone Bile Agar developed on the basis of many studies on first fluorogenic and then chromogenic substrates for the detection of the enzyme β -glucuronidase directly on the isolation media³⁻⁷ and contains the chromogenic compound 5-bromo-4-chloro-3-indoxyl- β -D-glucuronide (X-GLUC).

 TBX Agar is prepared in accordance with ISO 16649 and meets the requirements therein.⁸⁻¹⁰

 The enumeration of β -glucuronidase-positive *E. coli* in foodstuffs may be performed by 1) poured plate technique in TBX Agar⁸, 2) colony-count technique using membranes overlaid on Minerals Modified Glutamate Agar, and subsequently transferred on TBX Agar⁹, 3) most probable number technique using Minerals Modified Glutamate Medium and the subculture onto TBX Agar¹⁰. The last two techniques involve a resuscitation step and are recommended for the examination of foodstuffs likely to contain sub-lethally injured cells.

 Essential growth factors are provided by tryptone which is a source of nitrogen, carbon and minerals. Bile salts n° 3, inhibit the development of Gram-positive bacteria, especially bacilli and faecal streptococci, while at the same time promoting *E. coli* growth. The medium contains X-GLUC for the detection of β -glucuronidase enzyme: within the *Enterobacteriaceae*, *E. coli* and a few strains of *Salmonella* and *Shigella* are able to split the bond between the chromophore 5-bromo-4-chloro-3-indolyl and the β -D-glucuronide; the released chromophore is coloured and builds up within the cells, causing *E. coli* colonies to be coloured blue-green.

4A- DIRECTIONS FOR MEDIUM PREPARATION (DEHYDRATED MEDIUM)

Suspend 35.6 g in 1000 mL of cold purified water. Heat to boiling with frequent agitation and sterilize by autoclaving at 121°C for 15 minutes. Cool to 47-50°C, mix well and pour into sterile Petri dishes.

4B- DIRECTIONS FOR MEDIUM PREPARATION (READY-TO-USE FLASKS AND TUBES)

 Liquefy the contents of the flask in an autoclave set at 100 \pm 2°C or in a temperature-controlled water bath (100°C). Alternatively, the bottle may be placed into a jar containing water, which is placed on a hot plate and brought to boiling. Slightly loosen the cap before heating to allow pressure exchange. Cool to 47-50°C and pour the medium into sterile Petri dishes, under aseptic conditions.

5 - PHYSICAL CHARACTERISTICS

Dehydrated medium appearance	beige, fine, homogeneous, free-flowing powder
Solution and prepared plates appearance	beige, clear
Final pH of complete medium (at 20-25°C)	7.2 \pm 0.2

6 - MATERIALS PROVIDED – PACKAGING

Product	Type	REF	Pack
Tryptone Bile X-GLUC (TBX) Agar	Dehydrated medium	4021562	500 g (14 L)
Tryptone Bile X-GLUC (TBX) Agar	Ready-to-use plates	542156	2 x 10 plates \varnothing 90 mm
Tryptone Bile X-GLUC (TBX) Agar	Ready-to-use plates	492156	3 x 10 plates \varnothing 55 mm
TBX Agar	Ready-to-use tubes	5521562S	20 x 15 mL
TBX Agar	Ready-to-use flasks	5121562	6 x 100 mL
TBX Agar	Ready-to-use flasks	5121563	6 x 200 mL

7 - MATERIALS REQUIRED BUT NOT PROVIDED

Autoclave, water-bath, sterile inoculation needles and pipettes, incubator and laboratory equipment as required, sterile Petri dishes, membrane filters, Erlenmeyer flasks, ancillary culture media and reagents.





8 - SPECIMENS

Products intended for human consumption and the feeding of animals, and environmental samples in the area of food production and food handling. For sample collection, storage, transport and preparation, follow good laboratory practice and refer to applicable International Standards and regulations.

9 - TEST PROCEDURE

Enumeration of *E. coli* by poured plate technique (ISO 16649-2)⁸

1. Transfer 1 mL of the test sample in duplicate, into two sterile Petri dishes if liquid, or 1 mL of the initial suspension (10^{-1}), in the case of other products. Repeat the procedure with further decimal dilutions if necessary.
2. Within 15 minutes, pour into each Petri dish about 15 mL of TBX Agar pre-cooled to 44-47°C.
3. Mix well the inoculum with the medium. Invert the inoculated dishes and incubate at 44°C for 18-24 hours. In cases where stressed colonies are suspected incubate for 4 hours at 37°C before incubation at 44°C. Do not incubate over 45°C.

Enumeration of *E. coli* by membrane filtration technique (ISO 16649-1)⁹

1. Aseptically place a membrane onto the dried surface of an appropriate number of plates of Minerals Modified Glutamate Agar (MMGM REF 401737 supplemented with Agar) taking care to avoid trapping air bubbles beneath the membranes.
2. Transfer in the centre of the membrane 1 mL of the sample or 1 mL of the initial suspension and spread the inoculum on the surface of the membrane. Repeat the procedure with further decimal dilutions if necessary.
3. Using a sterile spreader, spread the inoculum evenly over the whole membrane surface, avoiding any spillage from the membrane.
4. Leave the plates at room temperature for 15 minutes in order the medium adsorbs the liquid sample.
5. Incubate the plates for 4 h \pm 0.25 h at 37 °C, with the membrane/agar surface uppermost.
6. After this resuscitation step transfer the membranes onto TBX Agar plates and incubate at 44°C for 18-24 hours. Do not incubate over 45°C.

Enumeration of *E. coli* by MPN technique (ISO 16649-3)¹⁰

1. Inoculate 3 or 5 tubes containing 10 mL of double-strength Minerals Modified Glutamate Medium (MMGM REF 401737) with 10 mL aliquots of the test sample, if liquid, or with 10 mL aliquots of the initial suspension in the case of other products.
2. Inoculate 3 or 5 tubes containing 10 mL of single-strength MMGM with 1 mL aliquots of the test sample, if liquid or with 1 mL aliquots of the initial suspension in the case of other products.
3. Repeat the inoculation of the single strength liquid medium for each of the further decimal dilutions, using a fresh pipette for each dilution.
4. Incubate the tubes at 37°C for 24 \pm 2 hours.
5. From each of the incubated tubes showing yellow colour subculture with a loop on a plate of TBX Agar by streaking to obtain isolated colonies and incubate at 44°C for 24 \pm 2 hours.
6. Express the results as the Most Probable Number of *E. coli* on the basis of the presence of blue-green colonies on TBX plates.

10 - READING AND INTERPRETATION

After incubation, examine the TBX Agar plates for the presence of typical, blue or blue-green colonies indicating the presence of β -glucuronidase-positive *E. coli*.

Calculate the number of β -glucuronidase-positive *E. coli* by counting the typical colonies in each plate containing less than 150 typical CFU and less than 300 total (typical and non-typical) CFU.

Multiply the numbers of colonies by the dilution factor and express the result as the number of *E. coli* per gram of sample.

11 - USER QUALITY CONTROL

All manufactured lots of the product are released for sale after the Quality Control has been performed to check the compliance with the specifications. However, the end user can perform its own Quality Control in accordance with the local applicable regulations, in compliance with accreditation requirements and the experience of the Laboratory. Here below are listed some test strains useful for the quality control.

Control strains		Incubation T°/ t - ATM	Expected results
<i>E. coli</i>	ATCC 25922	44°C / 18-24H / A	growth, blue-green colonies
<i>C. freundii</i>	ATCC 43864	44°C / 18-24H / A	growth, white to green-beige colonies
<i>E. faecalis</i>	ATCC 29212	44°C / 18-24H / A	inhibited

A: aerobic incubation; ATCC is a trademark of American Type Culture Collection

12- PERFORMANCES CHARACTERISTICS

Prior to release for sale representative samples of all lots of dehydrated and ready-to-use TBX Agar are tested for productivity, specificity and selectivity, by comparing the results with Tryptic Soy Agar (TSA).

Productivity is assessed by a poured plate quantitative test with the target strains *E. coli* ATCC 25922, *E. coli* ATCC 8739 and *E. coli* NCTC 13216. The plates are inoculated with decimal dilutions in saline of a colonies' suspension and incubated at 44°C for 18 hours. The colonies are enumerated on TBX Agar and on TSA and the productivity ratio (Pr: CFU_{TBX}/CFU_{TSA}) is calculated. If Pr is \geq 0.5 and if the colonies morphology and colour are typical (blue-green colonies) the results are considered acceptable and conform to the specifications.

Specificity is tested by semi-quantitative ecometric technique with the following non-target strains: *C. freundii* ATCC 43864 and *P. aeruginosa* ATCC 27853. After incubation at 44°C for 24 hours, the amount of growth and the colony characteristics are evaluated: non-target strains exhibit growth with white to green-beige colonies.

Selectivity is assessed with modified Miles-Misra surface drop method by inoculating the plates with suitable decimal dilutions in saline of a 0.5 McFarland suspension of *E. faecalis* ATCC 29212. The growth of the non-target strain is totally inhibited after incubation at 44°C for 24 hours.

13 - LIMITATIONS OF THE METHOD

- It has been reported that approximately 40% of *Shigella* species, various bio-serotypes of *Salmonella* (13% of *Salmonella* subgenus I) may be β -glucuronidase positive; only exceptionally this test is positive with *Providencia*, *Enterobacter* and *Yersinia* strains (1-5%).¹¹
- Approximately 3-4% of *E. coli* are β -glucuronidase negative, notably *E. coli* O157 strains.¹²
- Some strains of *E. coli* may grow poorly or not at all in media incubated at 44 °C. Consequently, some strains of *E. coli*, including pathogenic ones, will not be detected by the methods reported above taken from ISO Standards.¹⁰

14 - PRECAUTIONS AND WARNINGS





- This culture medium is for microbiological control and for professional use only; it is to be used by adequately trained and qualified laboratory personnel, observing approved biohazard precautions and aseptic techniques.
- Dehydrated media must be handled with suitable protection. Before use, consult the Safety Data Sheet.
- This culture medium contains raw materials of animal origin. The *ante* and *post mortem* controls of the animals and those during the production and distribution cycle of the raw materials, cannot completely guarantee that this product doesn't contain any transmissible pathogen. Therefore, it is recommended that the culture medium be treated as potentially infectious, and handled observing the usual specific precautions: do not ingest, inhale, or allow to come into contact with skin, eyes, mucous membranes. Download the TSE Statement from the website www.biolifeitaliana.it, describing the measures implemented by Biolife Italiana for the risk reduction linked to infectious animal diseases.
- Apply Good Manufacturing Practice in the production process of prepared media.
- Be careful when opening screw cap flasks to prevent injury due to breakage of glass.
- When using a hot plate and/or a water bath, boil sufficiently long to dissolve the whole medium.
- Wear heat-protective gloves during medium liquefaction. Do not place the hot flasks into an ice bath or in cold water to accelerate cooling as this might cause cracks in the glass.
- The time required for complete liquefaction of the medium may vary considerably and depends on the actual temperature of the heating device, its wattage, the size and volume of the bottle.
- Once the bottled medium is liquefied, it cannot be solidified and dissolved a second time.
- Ready-to-use tubes/flasks are subject to terminal sterilization by autoclaving
- Each ready-to-use plate of this culture medium is for single use only.
- Ready-to-use plates are not to be considered a "sterile product" as they are not subject to terminal sterilization, but a product with controlled bio contamination, within the limits of defined specifications reported on the Quality Control Certificate.
- All laboratory specimens should be considered infectious.
- The laboratory area must be controlled to avoid contaminants such as medium powder or microbial agents.
- Sterilize all biohazard waste before disposal. Dispose the unused medium and the sterilized medium inoculated with samples or microbial strains in accordance with current local legislation.
- Do not use the culture medium as active ingredient for pharmaceutical preparations or as production material intended for human and animal consumption
- The Certificates of Analysis and the Safety Data Sheets of the products are available on the website www.biolifeitaliana.it.
- The information provided in this document has been defined to the best of our knowledge and ability and represents a guideline for the proper use of the product but without obligation or liability. In all cases existing local laws, regulations and standard procedures must be observed for the examination of samples collected from human and animal organic districts, for environmental samples and for products intended for human or animal consumption. Our information does not relieve our customers from their responsibility for checking the suitability of our product for the intended purpose.

15 - STORAGE CONDITIONS AND SHELF LIFE

Ready-to-use plates

Upon receipt, store plates in their original pack at +2°C /+8°C away from direct light. If properly stored, the plates may be used up to the expiration date. Do not use the plates beyond this date. Plates from opened plastic sachet can be used for 7 days when stored in a clean area at 2-8°C. Do not use the plates if the plastic sachet is damaged or if the dish is broken. Do not use the plates with signs of deterioration (e.g., microbial contamination, dehydration, shrinking or cracking of the medium, atypical colour, excess of moisture).

Ready-to-use medium in flasks

Upon receipt, store flasks in their original pack at +2°C /+8°C away from direct light. If properly stored, the tubes/flasks may be used up to the expiration date. Do not use the tubes/flasks beyond this date. Tubes/flasks from opened secondary packages can be used up to the expiration date. Opened flasks must be used immediately. Before use, check the closing and the integrity of the screw cap. Do not use tubes/flasks with signs of deterioration (e.g., microbial contamination, abnormal turbidity, precipitate, atypical colour).

Dehydrated medium

Upon receipt, store at +2°C /+8°C away from direct light in a dry place. If properly stored, it may be used up to the expiration date. Do not use beyond this date. Avoid opening the bottle in humid places. After use, the container must be tightly closed. Discard the product if the container and/or the cap are damaged, or if the container is not well closed, or in case of evident deterioration of the powder (colour changes, hardening, large lumps).

The user is responsible for the manufacturing and quality control processes of prepared media and the validation of their shelf life, according to the type (tubes/bottles) and the applied storage conditions (temperature and packaging). According to ISO 16649-1 the self-prepared plates can be stored at +2°C /+8°C in the dark and protected against evaporation for up to four weeks.⁹ Immediately before use, dry the agar plates carefully.













16 - REFERENCES

1. Baird RM, Corry JEL, Curtis GDW. Pharmacopoeia of Culture Media for Food Microbiology. Proceedings of the 4th International Symposium on Quality Assurance and Quality Control of Microbiological Culture Media, Manchester 4-5 September, 1986. Int J Food Microbiol 1987; 5:276-277.
2. Anderson JM, Baird-Parker AC A rapid and direct plate method for enumerating *Escherichia coli* biotype I in food. J Appl Bacteriol 1975;39:111-7.
3. Kilian M, Bulow P. Rapid diagnosis of Enterobacteriaceae. Detection of bacterial glycosidases. Acta Pathol Microbiol. Scand. Sect. B. 1976; 84:245-251.
4. Trepeta RW, Edberg SC. Methylumbelliferyl- D-glucuronide-based medium for rapid isolation and identification of *Escherichia coli*. J Clin Microbiol 1984; 19 :172.
5. Ley AN, Bowers RJ, Wolfe S. Indoxyl-β-D-glucuronide, a novel chromogenic reagent for the specific detection and enumeration of *Escherichia coli* in environmental samples. Can J Microbiol 1988; 34: 690-693
6. Restaino L., Frampton EW, Lyon RH. Use of the chromogenic substrate 5-bromo-4-chloro-3-indolyl-β-D-glucuronide (X-GLUC) for enumerating *Escherichia coli* in 24 h from ground beef. J Food Prot 1990; 53:508-510.
7. Ogden ID, Watt AJ. An evaluation of fluorogenic and chromogenic assays for the direct enumeration of *Escherichia coli*. Lett Appl Microbiol 1991; 13:212-215.
8. ISO 16649-2:2001 Microbiology of food and animal feeding stuffs -Horizontal method for the enumeration of beta-glucuronidase-positive *Escherichia coli* - Part 2: Colony-count technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide.
9. ISO 16649-1:2018. Microbiology of the food chain - Horizontal method for the enumeration of beta-glucuronidase-positive *Escherichia coli*. Part 1: Colony-count technique at 44 °C using membranes and 5-bromo-4-chloro-3-indolyl beta-D-glucuronide.
10. ISO 16649-3:2016. Microbiology of the food chain - Horizontal method for the enumeration of beta-glucuronidase-positive *Escherichia coli*. Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide.
11. MacFaddin JF. Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria. Baltimore: Williams & Wilkins; 1985.
12. Robison BJ. Evaluation of a fluorogenic assay for detection of *Escherichia coli* in foods. Appl Environ Microbiol 1984; 48:285-288





TABLE OF APPLICABLE SYMBOLS

 or REF Catalogue number	 LOT Batch code	 Manufacturer	 This side up	 Store in a dry place	 Fragile
 Temperature imitation	 Content sufficient for <n> tests	 Consult Instructions for Use	 Use by	 Keep away from direct light	 For single use only

REVISION HISTORY

Version	Description of changes	Date
Revision 2	Updated layout and content	2022/09

Note: minor typographical, grammatical, and formatting changes are not included in the revision history

