

thermo scientific



# 2020/2021 Microbiology Products Catalog

Clinical • Food & Beverage • Pharmaceutical • Environmental • Veterinary

**ThermoFisher**  
SCIENTIFIC

## HOW TO ORDER

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### Technical Support helpline

Our web site is intended to make it easier for you to ask questions or raise issues with us. Simply go to [www.thermofisher.com/microbiology](http://www.thermofisher.com/microbiology), and choose the most appropriate option in "Contact Us".

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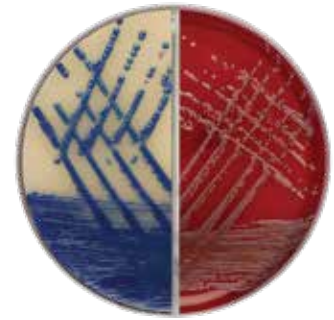
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## One patient sample, one plate – More information

### **Methicillin-resistant Staphylococcus aureus (MRSA) and Gram positive organism screening on one plate**

Effectively isolate Gram-positive organisms from clinical samples and while simultaneously screening for the presence of Methicillin-resistant Staphylococcus aureus (MRSA), using Thermo Scientific™ Oxoid™ Columbia CAP Agar with Sheep Blood Medium /Brilliance™ MRSA 2 Agar Biplate



## Combat food fraud with NGS

### **NGS Workflow for meat, fish and plant species screening and identification**

The Thermo Scientific™ Next Generation Sequencing (NGS) Food Authenticity Workflow brings the power of NGS technology to your lab making it possible to identify the plant, fish and meat species contained in the most complex food samples. Let us help you to protect your customers and your reputation against intentional, or accidental, adulteration.



## It's easy to be sure on pathogen testing

### **Extended range of Thermo Scientific SureTect PCR Assays**

The addition of Thermo Scientific SureTect PCR assays for *Campylobacter* (*C. jejuni*, *C. coli* and *C. lari*), *Vibrio* (*V. cholerae*, *V. parahaemolyticus* and *V. vulnificus*), *Escherichia coli* O157:H7 and STEC, and *Staphylococcus aureus* provides a comprehensive range of tests for rapid and accurate pathogen testing in most food segments. The simple SureTect Assay workflow makes it easy to be sure about your food pathogen testing.



## *B. cepacia* complex made Simple

### **Burkholderia cepacia workflow solution for compliance to USP 60 non-sterile products**

Thermo Scientific™ prepared plate medium, dehydrated medium and QC organisms for the detection of *B. cepacia* in non-sterile products enables testing in accordance with the USP 60 method. This test is critical for the microbiological release of non-sterile medicines. Plates come ready-to-use in packs of 10, DCM in 500g and QC quanti-cults.



## Get rapid results when testing for Legionella in water

**qualyfast Legionella Real-time PCR Assays coming soon**

The qualyfast® range of Legionella PCR assays, and supporting sample preparation and quantification kits, enable an easy-to-use workflow for rapid and sensitive Legionella testing of environmental samples. This comprehensive range of PCR products complements the existing Thermo Scientific™ Legionella testing portfolio, giving customers access to an array of solutions for detection and enumeration.



## Protect your label claims

**RapidFinder Real-time PCR Halal (pork) and Vegan tests added to meat identification range**

New PCR assays for Vegan and Halal testing added to the Thermo Scientific™ RapidFinder™ Meat ID range. Identification of meat and fish species present in food and ingredient samples is an essential step for verification of origin and traceability of raw materials, as well as for quality control of handling and cleaning processes in production lines. In collaboration with Imegen™, we offer a broad portfolio of real-time PCR-based species detection and quantification solutions. These highly sensitive assays enable detection to below the officially required limits (ref. EU No 51/2013 of 16 Jan 2013, amending reg. EU No 152/2009)



## COVID 19 Food Packaging & Environmental Surface Lab Products and Solutions

**Detection of SARS-CoV-2 from food packaging and the environment**

A complete, end-to-end qPCR test workflow for detection of SARS-CoV-2 from food packaging and environmental monitoring with results available in as little as three hours. Select from a choice of automated and manual sample preparation and PCR instrumentation options to fit your laboratory's handling and throughput needs.



## Viral Transport Media – Expanding capabilities

**Working around the clock to support the frontline**

The Microbiology Division has expanded globally to meet and serve the needs of our customers by providing the right collection and transport product offerings to address the viral outbreak.



# Antimicrobial Susceptibility Testing

## Antimicrobial Susceptibility Testing Discs

### Thermo Scientific™ Oxoid™ Antimicrobial Susceptibility Testing Discs

Each pack contains 5 cartridges. Each cartridge contains 50 discs. Discs in routine use should be stored at 2 – 8°C. Longer term storage should be at -20°C. Allow discs to reach room temperature before opening.

When ordering please quote the 'symbol', 'level' and order code required.

Antibiotic	Symbol	Level	Code	CLSI	EUCAST
Amikacin	AK	30µg	CT0107B	X	X
Amoxicillin	AML	2µg	CT0060B		
Amoxicillin	AML	10µg	CT0161B		
Amoxicillin	AML	25µg	CT0061B		
Amoxicillin/ clavulanic acid	AMC	3µg	CT0538B		X
Amoxicillin/ clavulanic acid	AMC	30µg	CT0223B	X	X
Ampicillin	AMP	2µg	CT0002B		X
Ampicillin	AMP	10µg	CT0003B	X	X
Ampicillin/sulbactam 1:1	SAM	20µg	CT0520B	X	X
Ampicillin/sulbactam 2:1	SAM	30µg	CT1653B		
Apramycin	APR	15µg	CT0545B	X	
Azithromycin	AZM	15µg	CT0906B	X	
Aztreonam	ATM	30µg	CT0264B	X	X
Bacitracin	B	10 units	CT0005B		
Cefaclor	CEC	30µg	CT0149B	X	X
Cefadroxil	CFR	30µg	CT0453B		X
Cefamandole	MA	30µg	CT0108B	X	
Cefepime	FEP	30µg	CT0771B	X	X
Cefixime	CFM	5µg	CT0653B	X	X
Cefoperazone	CFP	30µg	CT0193B		
Cefoperazone	CFP	75µg	CT0249B	X	
Cefoperazone/sulbactam 2:1	SCF	105µg	CT1727B		
Cefotaxime	CTX	5µg	CT0407B		X
Cefotaxime	CTX	30µg	CT0166B	X	
Cefotetan	CTT	30µg	CT0665B	X	
Cefovecin	CVN	30µg	CT1929B	X	
Cefoxitin	FOX	30µg	CT0119B	X	X
Cefpodoxime	CPD	10µg	CT1612B	X	X
Cefprozil	CPR	30µg	CT1647B	X	
Ceftaroline	CPT	5µg	CT1942B		X
Ceftaroline	CPT	30µg	CT1941B	X	
Ceftazidime	CAZ	10µg	CT1629B		X
Ceftazidime	CAZ	30µg	CT0412B	X	
Ceftazidime/Avibactam (10:4)	CZA	14µg	CT1948B		X

### KEY

CLSI: Clinical and Laboratory Standards Institute

EUCAST: European Committee on Antimicrobial Susceptibility Testing

Antibiotic	Symbol	Level	Code	CLSI	EUCAST
Ceftazidime/Avibactam (30:20)	CZA	50µg	CT1947B	X	
Ceftibuten	CFT	30µg	CT1662B	X	X
Ceftiofur	EFT	30µg	CT1751B	X	
Ceftizoxime	ZOX	30µg	CT0477B	X	
Ceftriaxone	CRO	30µg	CT0417B	X	X
Cefuroxime	CXM	30µg	CT0127B	X	X
Cephalexin	CL	30µg	CT0007B		X
Cephalothin	KF	30µg	CT0010B	X	
Cephazolin	KZ	30µg	CT0011B	X	
Cephadrine	CE	30µg	CT0063B		
Chloramphenicol	C	30µg	CT0013B	X	X
Chloramphenicol	C	50µg	CT0014B		
Ciprofloxacin	CIP	1µg	CT0623B		
Ciprofloxacin	CIP	5µg	CT0425B	X	X
Ciprofloxacin	CIP	10µg	CT1615B		
Clarithromycin	CLR	2µg	CT1599B		
Clarithromycin	CLR	5µg	CT1623B		
Clarithromycin	CLR	15µg	CT0693B	X	
Clindamycin	DA	2µg	CT0064B	X	X
Clindamycin	DA	10µg	CT0015B		
Cloxacillin	OB	5µg	CT0016B		
Colistin	CT	10µg	CT0017B	X	
Compound sulphonamides	S3	300µg	CT0059B		
Doripenem	DOR	10µg	CT1880B	X	X
Doxycycline	DO	30µg	CT0018B	X	
Enrofloxacin	ENR	5µg	CT0639B	X	
Ertapenem	ETP	10µg	CT1761B	X	X
Erythromycin	E	10µg	CT0019B		
Erythromycin	E	15µg	CT0020B	X	X
Erythromycin	E	30µg	CT0021B		
Florfenicol	FFC	30µg	CT1754B	X	
Fluconazole	FCA	25µg	CT1806B	X	
Flumequine	UB	30µg	CT0666B		
Fosfomycin	FOS	50µg	CT0183B		
Fosfomycin/trometamol	FOT	200µg	CT0758B	X	
Framycetin	FY	100µg	CT0071B		
Fusidic acid	FD	5µg	CT0493B		
Fusidic acid	FD	10µg	CT0023B	X	X

X = the antibiotic concentration is listed in the applicable AST method guidance

Not all products available in all territories. Please contact your local office for details.

Antibiotic	Symbol	Level	Code	CLSI	EUCAST
Fusidic acid	FD	50µg	CT1617B		
Gentamicin	CN	10µg	CT0024B	X	X
Gentamicin	CN	30µg	CT0072B		X
Gentamicin	CN	120µg	CT0794B	X	
Imipenem	IPM	10µg	CT0455B	X	X
Kanamycin	K	5µg	CT0025B		
Kanamycin	K	30µg	CT0026B	X	
Levofloxacin	LEV	5µg	CT1587B	X	X
Lincomycin	MY	2µg	CT0027B		
Lincomycin	MY	10µg	CT0123B		
Lincomycin	MY	15µg	CT0028B		
Lincomycin/neomycin	LN	75µg	CT1757B		
Lincomycin/spectinomycin	LS	109µg	CT1758B		
Linezolid	LZD	10µg	CT1649B		X
Linezolid	LZD	30µg	CT1650B	X	
Mecillinam	MEL	10µg	CT0096B	X	X
Meropenem	MEM	10µg	CT0774B	X	X
Meropenem/Vaborbactam NEW	MEV	30µg	CT1949B	X	
Metronidazole	MTZ	5µg	CT0067B		
Metronidazole	MTZ	50µg	CT0466B		
Mezlocillin	MEZ	30µg	CT0174B		
Mezlocillin	MEZ	75µg	CT0192B	X	
Minocycline	MH	30µg	CT0030B	X	X
Moxifloxacin	MXF	5µg	CT1633B	X	X
Mupirocin	MUP	200µg	CT0523B		X
Nafcillin	NF	1µg	CT1895B	X	
Nalidixic acid	NA	30µg	CT0031B	X	X
Neomycin	N	10µg	CT0032B		
Neomycin	N	30µg	CT0033B	X	
Netilmicin	NET	10µg	CT0424B		X
Netilmicin	NET	30µg	CT0225B		
Nitrofurantoin	F	50µg	CT0069B		
Nitrofurantoin	F	100µg	CT0034B		X
Nitrofurantoin	F	300µg	CT0036B	X	
Norfloxacin	NOR	10µg	CT0434B	X	X
Novobiocin	NV	5µg	CT0037B		
Novobiocin	NV	30µg	CT0038B		
Nystatin	NS	100 units	CT0073B		
Ofloxacin	OFX	5µg	CT0446B	X	X
Oleandomycin	OL	15µg	CT0039B		
Oxacillin	OX	1µg	CT0159B	X	X
Oxacillin	OX	5µg	CT0040B		

Antibiotic	Symbol	Level	Code	CLSI	EUCAST
Oxolinic acid	OA	2µg	CT0181B		
Oxytetracycline	OT	30µg	CT0041B		
Pefloxacin	PEF	5µg	CT0661B		X
Penicillin G	P	1 unit	CT0152B		X
Penicillin G	P	1.5 units	CT0042B		
Penicillin G	P	2 units	CT0088B		
Penicillin G	P	5 units	CT0124B		
Penicillin G	P	10 units	CT0043B	X	
Penicillin/novobiocin	PNV	40	CT1755B	X	
Pipemidic acid	PIP	20µg	CT0180B		
Piperacillin	PRL	30µg	CT1619B		X
Piperacillin	PRL	100µg	CT0199B	X	
Piperacillin/tazobactam	TZP	36µg	CT1616B		X
Piperacillin/tazobactam	TZP	40µg	CT1628B		
Piperacillin/tazobactam	TZP	110µg	CT0725B	X	
Pirlimycin	PIR	2µg	CT1668B	X	
Polymyxin B	PB	300 units	CT0044B	X	
Quinupristin/dalfopristin	QD	15µg	CT1644B	X	X
Rifampicin	RD	5µg	CT0207B	X	X
Rifampicin	RD	30µg	CT0104B		
Spectinomycin	SH	10µg	CT0046B		
Spectinomycin	SH	25µg	CT0411B		
Spectinomycin	SH	100µg	CT0823B	X	
Spiramycin	SP	100µg	CT0232B		
Streptomycin	S	10µg	CT0047B	X	
Streptomycin	S	25µg	CT0048B		
Streptomycin	S	300µg	CT1897B		
Subactam/ampicillin 1:1	SAM	20µg	CT0520B	X	X
Subactam/ampicillin 1:2	SAM	30µg	CT1653B		
Sulfisoxazole		see Sulphafurazole			
Sulphafurazole (Sulfisoxazole)	SF	300µg	CT0075B	X	
Sulphamethoxazole	RL	25µg	CT0051B		
Sulphamethoxazole	RL	100µg	CT0074B		
Sulphamethoxazole/trimethoprim 19:1	SXT	25µg	CT0052B	X	X
Sulphonamides compound	S3	300µg	CT0059B		
Teicoplanin	TEC	30µg	CT0647B	X	X
Temocillin	TEM	30µg	CT1952B		
Tetracycline	TE	30µg	CT0054B	X	X
Ticarillin	TIC	75µg	CT0167B	X	X
Tigecycline	TGC	15µg	CT1841B	X	X
Tilmicosin	TIL	15µg	CT1756B	X	

# Antimicrobial Susceptibility Testing

Antimicrobial and Antifungal Susceptibility Testing Discs, AST Accessories, AST Media

Antibiotic	Symbol	Level	Code	CLSI	EUCAST
Tobramycin	TOB	10µg	CT0056B	X	X
Tobramycin	TOB	30µg	CT1618B		
Trimethoprim	W	5µg	CT0076B	X	X
Trimethoprim/sulphamethoxazole 1:19	SXT	25µg	CT0052B	X	X
Vancomycin	VA	5µg	CT0188B		X
Vancomycin	VA	30µg	CT0058B	X	
Voriconazole	VOR	1µg	CT1807B	X	

## Antifungal Susceptibility Testing Discs

Antibiotic	Symbol	Level	Code	CLSI	EUCAST
Fluconazole	FCA	25µg	CT1806B	X	
Nystatin	NS	100 units	CT0073B		
Voriconazole	VOR	1µg	CT1807B	X	

## Thermo Scientific™ Oxoid™ AST Media

### Diagnostic Sensitivity Test Agar (DSTA)

500g	for 12.5 litres medium	CM0261B
2.5kg	for 62.5 litres medium	CM0261R
5kg	for 125.0 litres medium	CM0261T

#### Diagnostic Sensitivity Test Agar

10x90mm	PO0130A <sup>+</sup>
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#### Diagnostic Sensitivity Test (D.S.T.) with chocolate Horse Blood

10x90mm	PB0133A
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### Haemophilus Test Medium (HTM)

#### HTM Base

500g	for 11.6 litres medium	CM0898B
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#### HTM Supplement Store at -20°C to 0°C

10 vials	for 500mL medium	SR0158E
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#### Haemophilus Test Medium

10x90mm	PO0228A <sup>+</sup>
10x90mm	PO5138A <sup>+</sup>

### Iso-Sensitest Agar

a semidefined medium for antimicrobial susceptibility testing

500g	for 15.9 litres medium	CM0471B
2.5kg	for 79.5 litres medium	CM0471R
5kg	for 159.0 litres medium	CM0471T

#### Iso-Sensitest Agar

10x90mm	PO0144A
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#### Iso-Sensitest Agar (Deep Fill)

10x90mm	PO0779A
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#### Iso-Sensitest Agar with Chocolate Horse Blood

10x90mm	PB0147A
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#### Iso-Sensitest Agar with Horse Blood

10x90mm	PB0146A
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#### Iso-Sensitest Agar with Horse Blood and 20mg/L NAD

10x90mm	PB0378A
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#### Iso-Sensitest Agar with Lysed Horse Blood

10x90mm	PB0145A
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#### Iso-Sensitest Agar with Sheep Blood

10x90mm	PB5003A
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### Iso-Sensitest Broth

a semidefined medium for antimicrobial susceptibility testing

500g	for 21.4 litres medium	CM0473B
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### Mueller-Hinton Agar

conforming to international standards for antimicrobial susceptibility testing media and tested to CLSI M6-A2

500g	for 13.2 litres medium	CM0337B
2.5kg	for 66.0 litres medium	CM0337R
5kg	for 132.0 litres medium	CM0337T

#### Mueller-Hinton Agar

10x90mm	PO5007A <sup>+</sup>
10x90mm	PO0152A <sup>+</sup>
10x140mm	PO1191S <sup>+</sup>

#### Mueller-Hinton Agar with 2% Salt

10x90mm	PO0799A <sup>+</sup>
10x90mm	PO5139A <sup>+</sup>

#### Mueller-Hinton Agar with 5% Sheep Blood

10x90mm	PB0431A <sup>+</sup>
10x90mm	PB5007A <sup>+</sup>

#### Mueller-Hinton Agar with Horse Blood

10x90mm	PB1229A <sup>+</sup>
10x90mm	PB5303A <sup>+</sup>

### Mueller-Hinton Broth

conforming to international standards for antimicrobial susceptibility testing media

500g	for 23.8 litres medium	CM0405B
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### Sensitest Agar

500g	for 15.6 litres medium	CM0409B
2.5kg	for 78.0 litres medium	CM0409R

### Wilkins-Chalgren Anaerobe Agar

recommended for antimicrobial susceptibility testing of anaerobes

500g	for 11.6 litres medium	CM0619B
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#### Anaerobe Blood Agar (Wilkins Chalgren) with Neomycin

10x90mm	PB0112A
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#### Anaerobe Blood Agar (Wilkins Chalgren) with Nalidixic Acid and Tween™

10x90mm	PB0113A
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### Wilkins-Chalgren Anaerobe Broth

recommended for antimicrobial susceptibility testing of anaerobes

500g	for 15.2 litres medium	CM0643B
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## AST Accessories

#### Disc Dispenser (90mm)

each	for 6 cartridges	ST6090
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#### Disc Dispenser (90mm)

each	for 8 cartridges	ST8090
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#### Disc Dispenser (100mm)

each	for 6 cartridges	ST6100
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#### Disc Dispenser (100mm)

each	for 8 cartridges	ST8100
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#### Ejector for using cartridges individually

6	HP0053A
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#### Desiccant Sachets

2	HP0063A
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#### Replacement Desiccant (Dispenser)

each	ST9100
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#### Cartridge Container (complete with desiccant)

each	HP0055A
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X = the antibiotic concentration is listed in the applicable AST method guidance

Not all products available in all territories. Please contact your local office for details.



## Sensititre ID/AST System

Meeting the unique testing demands of all laboratory sizes and volumes, the Thermo Scientific™ Sensititre™ ID/AST System includes a full range of standard and custom MIC plates that allow you to eliminate offline testing while meeting FDA, CLSI, and EUCAST breakpoint requirements.

Combined with scalable equipment options, the Sensititre System allows you to create the ultimate tests program tailored to your laboratory requirements.

More antimicrobials, more testing options for clinical and veterinary microbiology laboratories. The Sensititre System includes over 300 antimicrobials, including 40+ veterinary-specific antimicrobials, for susceptibility testing with true minimum inhibitory concentration (MIC) results, and superior quality and reproducibility.

As the system of choice for global surveillance programs including National Antimicrobial Resistance Monitoring System (NARMS) coordinated via FDA-CVM, USDA and the CDC, the Sensititre System provides standardized results for confident susceptibility testing.

## Sensititre Plates

<b>Anaerobe AST Plate</b>		
Box of 10	IVD	ANAERO3
<b>Gram-Negative AST Plate</b>		
Box of 10	IVD	GN4F*
<b>Gram-Negative AST Plate with Colistin, CZA, C/T - EUCAST</b>		
Box of 10	IVD	DKMGN
<b>Gram-Negative AST Plate with CZA, C/T</b>		
Box of 10	IVD	GN6F
<b>Gram-Negative AST Plate with Colistin</b>		
Box of 10	RUO	GNX2F*
<b>Gram-Negative AST Plate with Colistin</b>		
Box of 10	RUO	GNX3F
<b>Gram-Negative Non-Fermenter AST Plate</b>		
Box of 10	IVD	NF*
<b>ESBL AST Plate</b>		
Box of 10	IVD	ESB1F*
<b>Gram-Negative Identification Plate</b>		
Box of 10	IVD	GNID
<b>Gram-Positive Identification Plate</b>		
Box of 10	IVD	GPID
<b>Gram-Positive AST Plate</b>		
Box of 10	IVD	GPN3F*
<b>Gram-Positive AST Plate</b>		
Box of 10	IVD	GPALL1F*
<b>Staph AST Plate with Telavancin - EUCAST</b>		
Box of 10	IVD	EUSTAPF
<b>Enterococcus EUCAST AST Plate</b>		
Box of 10	IVD	EUENCF
<b>Gram-Negative MDRO EUCAST AST Plate</b>		
Box of 10	IVD	EUMDROF
<b>Gram-Negative EUCAST AST Plate</b>		
Box of 10	IVD	EUGNF
<b>Non-Fermenter EUCAST AST Plate</b>		
Box of 10	IVD	EUXNF
<b>Fastidious AST Plate</b>		
Box of 10	IVD	HPB1*
<b>Strep AST Plate</b>		
Box of 10	IVD	STP6F*
<b>YeastONE MIC Plate with Micafungin</b>		
Box of 10	IVD	YO10
<b>Myco TB MIC Plate</b>		
Box of 10	IVD	MYCOTBI
<b>Myco Non-TB MIC Plate - Slow-Growing</b>		
Box of 10	IVD	SLOMYCOI
<b>Myco Non-TB MIC Plate - Rapid-Growing</b>		
Box of 10	IVD	RAPMYCOI
<b>Vet Avian AST Plate</b>		
Box of 10	Vet	AVIAN1F*
<b>Vet Bovine AST Plate</b>		
Box of 10	Vet	BOPO7F*

<b>Vet Urine AST Plate</b>		
Box of 10	Vet	CMV1BURF*
<b>Vet Companion Gram-Positive AST Plate with Pradofloxacin</b>		
Box of 10	Vet	COMPGP1F*
<b>Vet Companion Gram-Negative AST Plate with Pradofloxacin</b>		
Box of 10	Vet	COMPGN1F*
<b>Vet Equine AST Plate</b>		
Box of 10	Vet	EQUIN2F*
<b>Vet Campy AST Plate</b>		
Box of 10	Vet	CAMPY*
<b>Vet Mastitis AST Plate</b>		
Box of 10	Vet	CMV1AMAF*
<b>NARMS Gram-Positive MIC Plate</b>		
Box of 10	Surveillance	CMV4AGP*
<b>NARMS Gram-Negative MIC Plate</b>		
Box of 10	Surveillance	CMV4AGNF
<b>Vet Topicals AST Plate</b>		
Box of 10	Vet	JOEYE2*
<b>Salmonella MIC Plate</b>		
Box of 10	Surveillance	EUMVS2
<b>Gram-Positive MIC Plate</b>		
Box of 10	Surveillance	EUST
<b>Campy MIC Plate</b>		
Box of 10	Surveillance	EUCAMP
<b>Salmonella/E. coli MIC Plate</b>		
Box of 10	Surveillance	EUVSEC
<b>ESBL MIC Plate</b>		
Box of 10	Surveillance	EUVSEC2
<b>Staph MIC Plate</b>		
Box of 10	Surveillance	EUVENC
<b>Campy MIC Plate</b>		
Box of 10	Surveillance	EUCAMP2



\* Products are not stock items. Please contact your local representative for details of availability.

Not all products available in all territories. Please contact your local office for details.

### Sensititre Equipment

#### Thermo Scientific™ Sensititre™ ARIS HiQ™ System

- Fully automated, bench-top incubation and reading system reduces workload and facilitates efficient workflow
- Accommodates 100 plates and up to 300 tests on a single instrument

#### Thermo Scientific™ Sensititre™ ARIS™ 2X ID/AST System

- Fully automated, bench-top incubating and reading system reduces workload and facilitates efficient workflow
- Accommodates up to 192 tests on a single instrument
- Heated carousel individually incubates plates, ensuring optimal growth conditions

#### Thermo Scientific™ Sensititre™ OptiRead™ Automated Fluorometric Plate Reading System

- Fast, accurate, automated plate reading for maximum consistency
- Quickly transfer results for processing, interpretation and reporting, improving efficiency and productivity
- Compact, light-weight design maximizes bench space

#### Thermo Scientific™ Sensititre™ Vizion™ Digital MIC Viewing System

- Combines automation with visual results, allowing you to consolidate offline testing on a single instrument
- Easy-to-read digital images reduce reading errors
- Store digital images of plate results for training purposes and complete traceability

#### Thermo Scientific™ Sensititre™ AIM™ Automated Inoculation Delivery System

- Quickly and accurately doses 96-well plates, eliminating skipped wells and costly repeat tests
- Icon-driven touch screen facilitates quick dosing selection for simple, intuitive operation

<b>Nephelometer</b>		
Each	Automated turbidity measurement	V3011
<b>AIM</b>		
Each	Automated plate inoculation	V3020
<b>Manual Viewbox</b>		
Each	Manual plate reading	V4007
<b>Vizion System</b>		
Each	Digital MIC Viewing System	V2021
<b>OptiRead</b>		
Each	Automated plate reading	V3030
<b>ARIS 2X</b>		
Each	Automated plate reading and incubation	V3090
<b>ARIS HiQ</b>		
Each	Automated plate reading and incubation	V4000
<b>SWIN Database and Computer System</b>		
Each	Automated result interpretation	SW4000GBL
<b>SWIN Software Epidemiology Module</b>		
Each		SW120

All Sensititre instruments come with a 12-month on-site warranty, with installation and performance verification included. To service and maintain your Sensititre instruments, ensuring ongoing reliability and laboratory compliance, we offer ad-hoc service and service contracts for your peace of mind. Our factory-trained engineers are ready to respond to your requirements and will visit your site for installation, preventative maintenance and repairs as well as other services such as instrument moves and decommissioning. Please contact your Account Manager or local Thermo Fisher Scientific support teams for further information.

### Sensititre Accessories

<b>AIM Doseheads</b>		
Box of 100	For use with Sensititre AIM System	E3010
<b>Mineral Oil 250mL</b>		
Each		MINOIL
<b>0.5 McFarland Standard 5mL</b>		
Each		E1041
<b>0.9 McFarland Standard 5mL</b>		
Each		E1039

### Sensititre Media

<b>YeastOne Broth</b>		
Box of 10	11mL	Y3462
<b>Mueller-Hinton Broth with TES</b>		
Box of 100	11mL	T3462
<b>Mueller-Hinton Broth with TES</b>		
Box of 100	5mL	T3462-05
<b>Mueller-Hinton Broth with TES</b>		
Box of 10	11mL	T3462-10
<b>Mueller-Hinton Broth with Lysed Horse Blood</b>		
Box of 10	11mL	CP112-10
<b>Mueller-Hinton Broth with Lysed Horse Blood for Autoread</b>		
Box of 10	11mL	CP114-10
<b>Deminerlized Water</b>		
Box of 10	5mL	T3339-10
<b>Deminerlized Water</b>		
Box of 100	5mL	T3339
<b>HTM Broth</b>		
Box of 10	11mL	T3470
<b>Brucella Broth for Anaerobes</b>		
Box of 10	11mL	T3450
<b>Sterile Water with Glass Beads</b>		
Box of 10	5mL	T4393
<b>Deminerlized Water with Glass Beads</b>		
Box of 10	11mL	T8006
<b>Saline Tween with Glass Beads</b>		
Box of 10	5mL	T3491
<b>Middlebrook 7H9 with OADC</b>		
Box of 10	10mL	T3441
<b>Veterinary Fastidious Medium</b>		
Box of 10	11mL	T3460
<b>Veterinary Fastidious MHF Medium</b>		
Box of 10	11mL	T3461



# Thermo Scientific™ Heratherm™ Microbiological Table Top Incubators

## Compact

### IMC18 Heratherm Compact Incubator; Mechanical Convection;

0.65 cu.ft. (18 L); 17 to 40 C; 120-230VAC; 50/60Hz  
- EU standard, UK, Australia cable/plug HT50125882

## Gravity Convection

### IGS60 Heratherm General Protocol Incubator

2.6 cu.ft. (75 L); ambient +5 C to 75 C; 230VAC; 50/60Hz HT51028130

### IGS100 Heratherm General Protocol Incubator

4.0 cu.ft. (117 L); ambient +5 C to 75 C; 230VAC; 50/60Hz HT51028131

### IGS180 Heratherm General Protocol Incubator

6.85 cu.ft. (194 L); ambient +5 C to 75 C; 230VAC; 50/60Hz HT51028132

## Dual Convection

### IMH60 Heratherm Advanced Protocol Incubator

2.3 cu.ft. (66 L); ambient +5 C to 105 C; 230VAC; 50/60Hz HT51028133

### IMH100 Heratherm Advanced Protocol Incubator

3.67 cu.ft. (104 L); ambient +5 C to 105 C; 230VAC; 50/60Hz HT51028134

### IMH180 Heratherm Advanced Protocol Incubator

6.3 cu.ft. (178 L); ambient +5 C to 105 C; 230VAC; 50/60Hz HT51028135

### IMH60-S Heratherm Advanced Protocol Security Incubator

2.3 cu.ft. (66 L); ambient +5 C to 105 C; 230VAC; 50/60Hz HT51028136

### IMH100-S Heratherm Advanced Protocol Security Incubator

3.67 cu.ft. (104 L); ambient +5 C to 105 C; 230VAC; 50/60Hz HT51028137

### IMH180-S Heratherm Advanced Protocol Security Incubator

6.3 cu.ft. (178 L); ambient +5 C to 105 C; 230VAC; 50/60Hz HT51028138

### IMH60 SS Heratherm Advanced Protocol Incubator

2.3 cu.ft. (66 L); ambient +5 C to 105 C; 230VAC; 50/60Hz; stainless steel exterior HT51028717

### IMH100 SS Heratherm Advanced Protocol Incubator

3.67 cu.ft. (104 L); ambient +5 C to 105 C; 230VAC; 50/60Hz; stainless steel exterior HT51028718

### IMH180 SS Heratherm Advanced Protocol Incubator

6.3 cu.ft. (178 L); ambient +5 C to 105 C; 230VAC; 50/60Hz; stainless steel exterior HT51028719

### IMH60-S SS Heratherm Advanced Protocol Security Incubator

2.3 cu.ft. (66 L); ambient +5 C to 105 C; 230VAC; 50/60Hz; stainless steel exterior HT51028541

### IMH100-S SS Heratherm Advanced Protocol Security Incubator

3.67 cu.ft. (104 L); ambient +5 C to 105 C; 230VAC; 50/60Hz; stainless steel exterior HT51028542

### IMH180-S SS Heratherm Advanced Protocol Security Incubator

6.3 cu.ft. (178 L); ambient +5 C to 105 C; 230VAC; 50/60Hz; stainless steel exterior HT51028543



# Table Top Incubators Accessories

## Shelves

### Stainless steel perforated shelf for IMC18

For IMC18 / IMC18-CHINA models HT50125605

### Stainless steel perforated shelf for IGS60, including 2 shelf supports

For General Protocol 60 liters incubator HT50127770

### Stainless steel perforated shelf for IGS100, including 2 shelf supports

For General Protocol 100 liters incubator HT50127771

### Stainless steel perforated shelf for IGS180, including 2 shelf supports

For General Protocol 180 liters incubator HT50127772

### Stainless steel perforated shelf for IMH60 / IMH60-S, including 2 shelf supports

For Advanced Protocol / Advanced Protocol Security 60 liters incubators HT50127773

### Stainless steel perforated shelf for IMH100 / IMH100-S, including 2 shelf supports

For Advanced Protocol / Advanced Protocol Security 100 liters incubators HT50127774

### Wire mesh shelf for OMS60/ OMH60 / OMH60-S, including 2 shelf supports

For all 60 liters incubator models HT50127764

### Wire mesh shelf for OMS100/ OMH100 / OMH100-S, including 2 shelf supports

For all 100 liters incubator models HT50127765

### Wire mesh shelf for OMS180/ OMH180 / OMH180-S, including 2 shelf supports

For all 180 liters incubator models HT50127766

### Shelf with holders for Petri dishes for all 60 l incubators, including 2 shelf supports

For all 60 liters incubator models; 90mm diameter; stainless steel HT50128816

### Shelf with holders for Petri dishes for all 100 l incubators, including 2 shelf supports

For all 100 liters incubator models; 90mm diameter; stainless steel HT50128818

### Shelf with holders for Petri dishes for all 180 l incubators, including 2 shelf supports

For all 180 liters incubator models; 90mm diameter; stainless steel HT50128819

### Shelf with holders for Petri dishes for all 60 l incubators, including 2 shelf supports

For all 60 liters incubator models; 50mm diameter; stainless steel HT50128793

### Shelf with holders for Petri dishes for all 100 l incubators, including 2 shelf supports

For all 100 liters incubator models; 50mm diameter; stainless steel HT50128794

### Shelf with holders for Petri dishes for all 180 l incubators, including 2 shelf supports

For all 180 liters incubator models; 50mm diameter; stainless steel HT50128815

### Stainless steel drip tray for all 60 l incubators; including 2 shelf supports

For all 60 liters incubator models HT50128683

### Stainless steel drip tray for all 100 l incubators, including 2 shelf supports

For all 100 liters incubator models HT50128791

### Stainless steel drip tray for all 180 l incubators; including 2 shelf supports

For all 180 liters incubator models HT50128792

## Sample Sensor

### Sample sensor for IMH60-S / IMH100-S / IMH180-S

For all Heratherm Advanced Protocol Security incubators HT50127768

## Support Stands

### Support stand with coasters for Heratherm 60L / 2 cu.ft. Models

For all Heratherm 60 liter models HT50127741

### Support stand with coasters for Heratherm 100L / 3.5 cu.ft. Models

For all Heratherm 100 liter models HT50127742

### Support stand with coasters for Heratherm 180L / 6.4 cu.ft. Models

For all Heratherm 180 liter models HT50127743

### AGS

Safe and speedy generation of optimal growth conditions for anaerobes, microaerophiles and CO<sub>2</sub>-dependent organisms

#### Oxoid AnaeroGen System

Thermo Scientific™ Oxoid™ AnaeroGen™ is an anaerobic atmosphere generation system

<b>AnaeroGen 2.5 litre for use in 2.5 litre jar</b>	
10 sachets	AN0025A
<b>AnaeroGen 3.5 litre for use in 3.5 litre jar</b>	
10 sachets	AN0035A
<b>AnaeroGen Compact</b>	
10 sachets and 10 pouches	AN0010C
<b>AnaeroGen W-Zip Compact</b>	
10 sachets and 10 W-Zip pouches	AN0010W
<b>AnaeroGen Compact for use in plastic pouches and/or W-Zip pouches</b>	
10 sachets	AN0020D

#### Oxoid CampyGen System

Thermo Scientific™ Oxoid™ CampyGen™ produces suitable gaseous atmosphere for the growth of microaerophilic organisms

<b>CampyGen 2.5 litre for use in 2.5 litre jar</b>	
10 sachets	CN0025A
<b>CampyGen 3.5 litre for use in 3.5 litre jar</b>	
10 sachets	CN0035A
<b>CampyGen Compact for use in plastic pouches and/or W-Zip pouches</b>	
20 sachets	CN0020C

#### Oxoid CO<sub>2</sub> Gen System

produces suitable conditions for organisms which require or grow better in a CO<sub>2</sub> enriched atmosphere

<b>CO<sub>2</sub> Gen 2.5 litre for use in 2.5 litre jar</b>	
10 sachets	CD0025A
<b>CO<sub>2</sub> Gen Compact for use in plastic pouches and/or W-Zip pouches</b>	
20 sachets	CD0020C

#### Compact Accessories

<b>W-Zip Seal Pouches (integral seal)</b>	
20 pouches	AG0060C
<b>Plastic Pouches</b>	
20 pouches	AG0020C
<b>Sealing Clips for Plastic Pouches</b>	
5 clips	AN0005C



#### Oxoid AnaeroJar 2.5l Jar

Thermo Scientific™ Oxoid™ AnaeroJar™ with a 2.5 litre capacity, and supplied complete, holds up to 12 plates

1 jar	AG0025A
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#### Rectangular AnaeroBox™ Container

Thermo Scientific™ Rectangular AnaeroBox™ Container with a 2.5 litre capacity, and supplied complete, holds up to 12 90mm plates (90x160x220mm)

1 jar	AB0025A
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Thermo Scientific™ Rectangular AnaeroBox™ Container with a 3.5 litre capacity, and supplied complete, holds up to 18 90mm plates (90x200x250mm)

1 jar	AB0035A
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#### AnaeroJar Accessories

<b>AnaeroJar Base</b>	
1	AG0026A
<b>AnaeroJar Lid</b>	
1	AG0027A
<b>AnaeroJar Handle</b>	
1	AG0028A
<b>AnaeroJar Plate Carrier</b>	
1	AG0029A
<b>AnaeroJar 'O' Ring</b>	
5	AG0030A
<b>AnaeroJar Clips</b>	
2	AG0031A

#### Anaerobic Indicator (resazurin)

100 sachets	BR0055B
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#### Anaerobic Jar Accessories

<b>Anaerobic Catalyst</b>	
5	BR0042A
<b>Clamp and Screw</b>	
1	HP0025A
<b>Lid, complete with clamp and screw</b>	
1	HP0014A
<b>'O' Ring</b>	
5	HP0018A
<b>Plate Carrier – Stainless Steel</b>	
1	HP0026A
<b>Pressure Gauge</b>	
1	HP0017A
<b>Pressure Release Valve</b>	
1	HP0016A
<b>Schrader Valve Chuck and Clip</b>	
2	HP0020A

## Manual Blood Culture Systems

### Isolator™ Microbial Tubes

A high sensitive, direct-draw blood culture system using lysis-centrifugation/direct plating technology

<b>Isolator Microbial 10 Tubes for testing adult samples</b>	
1x25	BC0507C
<b>Isolator Microbial 1.5 Tubes for testing paediatric samples (no centrifugation step)</b>	
1x25	BC0505C

### Accessories for Isolator Microbial 10 Tubes only

<b>Isostat Press and Rack</b>	
each	BC0502C
<b>Isostat Consumable Pack contains 100 each of vent caps, supernatant and concentrate pipettes</b>	
1x100	BC0509C
<b>Isostat Centrifuge Containment Adaptor</b>	
each	BC0501C

### Signal Blood Culture System

The Thermo Scientific™ Signal™ One Bottle System is formulated to grow aerobic, anaerobic and microaerophilic organisms. Each pack comprises 20 Signal bottles and 20 Signal growth indicator devices.

<b>Signal Blood Culture System</b>	
1x20	BC0100M
<b>Trays white disposable shaker/incubator trays to hold 10 Signal systems during shaking and incubation</b>	
1x5	BC0104A



## Automated Blood Culture System

### Automated Microbial Detection System

Ultimate versatility. Superior organism recovery. Thermo Scientific™ VersaTREK™ Automated Microbial Detection System is the only system capable of detecting any gas produced or consumed by organisms. The result is faster recovery and detection of a much wider range of common and fastidious organisms. Speed and performance in the lab leads to reduced length of stay and therapy costs, and ultimately, better patient care.



## Consumables for VersaTREK Instruments

<b>VersaTREK Myco Growth Supplement (Myco GS) 50ml (250 tests/box)</b>	
Box	7112-42
<b>Myco PVNA 25ml, (250tests/box)</b>	
Box of 5	7113-42
<b>Myco Antibiotic Supplement (Myco AS) 25ml, (250 tests/box)</b>	
Box of 5	7114-42
<b>Myco Susceptibility Kit; 2x25ml Rifampin; 2x25ml Isoniazid; 3x25ml Ethambutol. 80-100 tests per kit</b>	
Kit	7115-60
<b>Streptomycin Kit; 20 tests per kit</b>	
Kit	7120-30
<b>Myco PZA, 50 tests per kit</b>	
Kit	7116-70
<b>Connector for Aerobic, Anaerobic, Myco Bottles</b>	
Box of 50	7150-44
<b>Thermo Scientific™ REDOX™ 1 (Aerobic) 80 ml Bottles</b>	
Box of 50	for 0,1 - 10 ml 7102-44
<b>REDOX 2 (Anaerobic) 80 ml</b>	
Box of 50	for 0,1 - 10 ml 7103-44
<b>REDOX 1 EZ Draw™ (Aerobic) 40 ml</b>	
Box of 50	for 0,1 - 5 ml 7106-44
<b>REDOX 2 EZ Draw (Anaerobic) 40 ml</b>	
Box of 50	for 0,1 - 5 ml 7107-44
<b>REDOX 2 M EZ Draw 40 ml</b>	
Box of 50	for 0,1 - 5 ml 7110-44

## Culture System Veterinary

### Accessories for Thermo Scientific™ para-JEM™ Applications

<b>Rack, para-JEM, 24 pos.</b>	
Each	6423-30
<b>VersaTREK EZ-ID Labels. 100 ea.</b>	
Each	6450-35
<b>para-JEM Starter Kit</b>	
Each	6498-31
<b>Printer, Barcode Thermal Transfer</b>	
Each	SW3000
<b>Labels, para-JEM Barcode, 1310/RL</b>	
Each	SW1101

### Consumables for para-JEM Applications

<b>para-JEM BLUE</b>	
Each	00-030
<b>para-JEM Kit (250 tests/kit)</b>	
Kit	7130-42
<b>para-JEM Broth</b>	
Box of 50	7131-42
<b>para-JEM GS</b>	
Box of 5	7132-42
<b>para-JEM AS</b>	
Box of 5	7133-42
<b>para-JEM EYS</b>	
Box of 5	7134-42
<b>para-JEM Kit w/BLE (250 tests/kit)</b>	
Kit	7137-42

### Transportation Swabs, Aluminium Caps

#### Aluminium Test Tube Caps

<b>Aluminium Test Tube Caps (12mm)</b>	
1x12	TA0001A
<b>Aluminium Test Tube Caps (16mm)</b>	
1x12	TA0002A
<b>Aluminium Test Tube Caps (19mm)</b>	
1x12	TA0003A
<b>Aluminium Test Tube Caps (25mm)</b>	
1x12	TA0004A

#### Transport Swabs

<b>Amies Agar Gel</b>	
10x50	TS0001A
<b>Amies Agar Gel with Charcoal</b>	
10x50	TS0002A
<b>Amies Liquid</b>	
10x50	TS0003A
<b>Amies Agar Gel Mini Tip: Firm Applicator Wire</b>	
10x50	TS0012A

## Thermo Scientific™ Oxoid™ Dehydrated Culture Media

a wide range of general purpose, enrichment, selective and differential media, diluents and supplements. NB: information provided here is intended only as an aid to purchasing. When making up media, please, refer to the relevant instructions for use. Supplementary Reagent products should be stored at 2–8°C unless otherwise stated.

### Aeromonas Medium (Ryan)

a selective, differential medium for the isolation of *Aeromonas hydrophila*

Aeromonas Medium Base (Ryan)		
500g	for 8.5 litres medium	CM0833B
Ampicillin Supplement		
10 vials	for 500mL medium	SR0136E

### AFPA

a selective identification medium for the detection of *Aspergillus flavus* and *A. parasiticus*

AFPA Base		
500g	for 11.0 litres medium	CM0731B
Chloramphenicol Supplement		
10 vials	for 500mL medium	SR0078E
10 vials	for 2.0 litres medium	SR0078H

### Alkaline Peptone Water

a broth medium for the enrichment of *Vibrio* spp. from food, water and clinical samples

500g	for 16.7 litres medium	CM1028B
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### Alkaline Saline Peptone Water (ISO)

a high pH, high salt medium for the selective enrichment of *Vibrio* spp. from food samples; complies with ISO/TS 21872

500g	for 12.5 litres medium	CM1117B
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ALOA® – see Chromogenic Listeria Agar (ISO)

### Amies Transport Medium

for the preservation of organisms in transit

250g	for 12.5 litres medium	CM0425J
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### Ampicillin Supplement

10 vials	25mg/vial	SR0136E
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### ★ Anaerobe Basal Agar

for the growth of fastidious and other anaerobes; can be made selective using supplements

500g	for 10.9 litres medium	CM0972B
Neomycin Supplement 150mg/vial		
10 vials	for 2.0 litres medium	SR0163H

### Anaerobe Basal Broth

a medium for general growth of anaerobes

500g	for 14.1 litres medium	CM0957B
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Andrade's Peptone Water – see Peptone Water (Andrade)

### Antibiotic Medium No. 1 (Seed agar)

a medium recommended for the seed layer in preparation of plates for the microbiological assay of antibiotics

500g	for 18.5 litres medium	CM0327B
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### Antibiotic Medium No. 3 (Assay broth)

a medium for use in the serial dilution assay of penicillin and other antibiotics

500g	for 28.6 litres medium	CM0287B
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### Arcobacter Broth

for the selective growth of *Arcobacter* spp.

Arcobacter Broth Base		
500g	for 20.8 litres medium	CM0965B
CAT Supplement		
10 vials	for 500mL medium	SR0174E
10 vials	for 2.0 litres medium	SR0174H
OR		
CCDA Selective Supplement		
10 vials	for 500mL medium	SR0155E
10 vials	for 2.0 litres medium	SR0155H
10 vials	for 9.0 litres medium	SR0155N

Aspergillus Medium – see AFPA

### Azide Blood Agar Base

a selective medium for the detection and isolation of streptococci and staphylococci from faeces, sewage and other specimens

500g	for 16.7 litres medium	CM0259B
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### Azide Dextrose Broth (Rothe Broth)

for the detection of enterococci in water, sewage and foods

500g	for 14.0 litres medium	CM0868B
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### Bacillus cereus Selective Agar (PEMBA)

a selective and diagnostic medium for the isolation and enumeration of *Bacillus cereus*. This medium can be made more selective by the addition of cycloheximide solution.

Bacillus cereus Selective Agar Base		
500g	for 12.2 litres medium	CM0617B
2.5kg	for 61.0 litres medium	CM0617R
Polymyxin B Supplement		
10 vials	for 500mL medium	SR0099E
Egg Yolk Emulsion		
100mL		SR0047C
Cycloheximide 0.1% Solution		
100mL		SR0222C

Bacillus cereus MYP Agar – see MYP Agar

### Baird-Parker Egg Yolk Agar (ISO)

a selective medium for the isolation and enumeration of coagulase-positive staphylococci from food, with formulation that complies with ISO 6888-1:1999

Baird-Parker Agar (ISO) Base for use with Egg Yolk Tellurite Emulsion. Do not use with RPF supplement		
500g	for 7.9 litres medium	CM1127B
5kg	for 79 litres medium	CM1127T
Egg Yolk Tellurite Emulsion		
100mL		SR0054C
OR		
Egg Yolk Emulsion		
100mL		SR0047C
Potassium Tellurite 3.5%		
10x2mL		SR0030J

★ requires the addition of blood  
Not all products available in all territories. Please contact your local office for details.

### Baird-Parker Egg Yolk Tellurite Agar

selective medium for the isolation and enumeration of coagulase-positive staphylococci from food

Baird-Parker Agar Base for use with Egg Yolk Tellurite Emulsion. Do not use with RPF supplement		
500g	for 7.9 litres medium	CM0275B
2.5kg	for 39.5 litres medium	CM0275R
5kg	for 79 litres medium	CM0275T
Egg Yolk Tellurite Emulsion		
100mL		SR0054C
OR		
Egg Yolk Emulsion		
100mL		SR0047C
Potassium Tellurite 3.5%		
10x2mL		SR0030J

### Baird-Parker RPF Agar

selective medium for the isolation and enumeration of coagulase-positive staphylococci from food

Baird-Parker Agar Base (RPF) for use with RPF supplement. Do not use with Egg Yolk Tellurite Emulsion.		
500g	for 7.1 litres medium	CM0961B
RPF Supplement only to be used with Baird-Parker Agar Base (RPF). Store below 0°C.		
10 vials	for 100mL medium	SR0122A

BCYE – see Legionella BCYE Agar

### BiGGY Agar (Nickerson Medium)

for the isolation and presumptive identification of *Candida* spp.

500g	for 11.9 litres medium	CM0589B
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### Bile Aesculin Agar

a differential medium for the isolation and presumptive identification of enterococci

500g	for 11.2 litres medium	CM0888B
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### Bismuth Sulphite Agar (Modified Wilson & Blair Medium)

a medium for the isolation of *Salmonella* Typhi and other salmonellae. Particularly useful for the isolation of lactose-fermenting salmonellae. **N.B.** maximum shelf life of 12 months

500g	for 25.0 litres medium	CM0201B
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### \* Blaser-Wang Selective Medium

a *Campylobacter* medium which can inhibit the growth of *Candida albicans*; can be supplemented with Campylobacter Growth Supplement

Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
OR		
Blood Agar Base No. 2		
500g	for 12.5 litres medium	CM0271B
Campylobacter Selective Supplement (Blaser-Wang)		
10 vials	for 500mL medium	SR0098E
Campylobacter Growth Supplement		
10 vials	for 500mL medium	SR0232E

BLEB – see Buffered Listeria Enrichment Broth

### \* Blood Agar Base

a nonselective, general purpose medium which may be enriched with blood or serum

500g	for 12.5 litres medium	CM0055B
5kg	for 125.0 litres medium	CM0055T

### \* Blood Agar Base No. 2

an improved Blood Agar Base possessing enhanced nutritional properties suitable for the cultivation of fastidious organisms

500g	for 12.5 litres medium	CM0271B
2.5kg	for 62.5 litres medium	CM0271R
5kg	for 125.0 litres medium	CM0271T

Blood Agar Base Sheep Blood – see Sheep Blood Agar Base

Blood Agar Base with Tryptose – see Tryptose Blood Agar Base

BMPA - see Legionella BMPA- $\alpha$  Agar

### \* Bolton Selective Enrichment Broth

for selective enrichment of *Campylobacter* spp. in food samples; can be supplemented with Campylobacter Growth Supplement

Bolton Broth Base		
500g	for 18.1 litres medium	CM0983B
Bolton Broth Selective Supplement		
10 vials	for 500mL medium	SR0183E
OR		
Modified Bolton Broth Selective Supplement alternative supplement containing amphotericin B as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0208E
Campylobacter Growth Supplement		
10 vials	for 500mL medium	SR0232E

### \* Bordetella Selective Medium

for the selective isolation of *Bordetella pertussis* and *B. parapertussis*

Charcoal Agar Base		
500g	for 9.8 litres medium	CM0119B
Bordetella Selective Supplement		
10 vials	for 500mL medium	SR0082E

### Brain Heart Infusion Agar

highly nutritious medium, made using porcine brain, for the growth of fastidious organisms

500g	for 10.6 litres medium	CM1136B
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### Brain Heart Infusion Broth

highly nutritious medium, made using porcine brain, for the growth of fastidious organisms, recommended for blood culture work; also see Heart Infusion Broth

500g	for 13.5 litres medium	CM1135B
2.5kg	for 67.5 litres medium	CM1135R

Brewer's Thioglycollate Medium – see Thioglycollate Medium (Brewer)

*Brilliance* range of chromogenic agars see pages Chromogenic Media



## Thermo Scientific™ *Brilliance*™ Chromogenic Dehydrated Culture Media

### *Brilliance Bacillus cereus* Agar

a chromogenic medium for the isolation and differentiation of *Bacillus cereus* from food samples

<i>Brilliance Bacillus cereus</i> Agar Base		
500g	for 12.2 litres medium	CM1036B
<i>Brilliance Bacillus cereus</i> Selective Supplement		
10 vials	for 500mL medium	SR0230E

*Brilliance* CampyCount Agar - see page Chromogenic Media

### *Brilliance Candida* Agar

a chromogenic medium for the isolation and differentiation of clinical *Candida* spp., including *C. albicans*

<i>Brilliance Candida</i> Agar Base		
500g	for 16.0 litres medium	CM1002B
<i>Brilliance Candida</i> Agar Selective Supplement		
10 vials	for 500mL medium	SR0231E

### *Brilliance E. coli/coliform* Agar

for food and environmental samples

500g	for 9.0 litres medium	CM0956B
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### *Brilliance E. coli/coliform* Selective Agar

for food, water and environmental samples

500g	for 17.8 litres medium	CM1046B
2.5kg	for 89.0 litres medium	CM1046R

### *Brilliance Enterobacter sakazakii* Agar (DFI)

a chromogenic medium for the isolation and differentiation of *Cronobacter* spp. from food and dairy samples, according to the formulation by Druggan, Forsythe and Iverson

500g	for 11.6 litres medium	CM1055B
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*Brilliance* ESBL Agar - see page Chromogenic Media

### *Brilliance Listeria* Agar

a chromogenic medium for the selective growth and differentiation of *Listeria monocytogenes* and *Listeria* spp., and the isolation medium used in the **Listeria Precis™** method

<i>Brilliance Listeria</i> Agar Base		
500g	for 7.4 litres medium	CM1080B
5kg	for 74 litres medium	CM1080T
<i>Brilliance Listeria</i> Selective Supplement		
10 vials	for 500mL medium	SR0227E
<i>Brilliance Listeria</i> Differential Supplement		
10 vials	for 500mL medium	SR0228E
1 Vial	for 2.5L of medium	SR0228C

*Brilliance* MRSA 2 Agar - see page Chromogenic Media

### *Brilliance Salmonella* Agar

a novel chromogenic medium incorporating Inhibigen technology, for the presumptive identification of *Salmonella* spp. from clinical and food samples, and the isolation medium used in the **Salmonella Precis** method

<i>Brilliance Salmonella</i> Agar Base		
500g	for 9.3 litres medium	CM1092B
5kg	for 93 litres medium	CM1092T
<i>Salmonella</i> Selective Supplement		
10 vials	for 500mL medium	SR0194E

*Brilliance* Staph 24 Agar - see page Chromogenic Media

### *Brilliance UTI* Agar

a chromogenic medium to aid differentiation of organisms found in urinary tract infections (UTI)

400g	for 8.9 litres medium	CM0949C
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*Brilliance* VRE Agar - see page 19

### *Brilliance UTI Clarity* Agar

an improved, clear, chromogenic UTI medium for the presumptive identification and differentiation of all the main microorganisms that cause UTIs

500g	for 13.5 litres medium	CM1106B
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### *Brilliant Green* Agar (Kauffmann Medium)

a selective medium for the isolation of salmonellae other than *Salmonella* Typhi. This can be made more selective by the addition of sulphamandolate.

500g	for 10.0 litres medium	CM0263B
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### *Brilliant Green* Agar (Modified) (Edel-Kampelmacher Medium)

a selective and diagnostic agar for salmonellae (other than *Salmonella* Typhi) from food and feeds. This can be made more selective by the addition of sulphamandolate.

500g	for 9.6 litres medium	CM0329B
2.5kg	for 48.0 litres medium	CM0329R
5kg	for 96.0 litres medium	CM0329T

### *Brilliant Green* Bile 2% Broth

a medium for the detection or confirmation of members of the coli-aerogenes group; recommended for the 44°C confirmatory test for *E. coli*

500g	for 12.5 litres medium	CM0031B
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See next page to find out more about our  
Thermo Scientific™ *Brilliance*™ Chromogenic Media

### Brilliance Chromogenic Media Plates

The chromogens used in our Thermo Scientific *Brilliance* chromogenic media ensure that colony colours are vivid, allowing rapid, easy differentiation and presumptive identification of the organism in question. Depending on media type, these are available in dehydrated and ready-to-use formats.

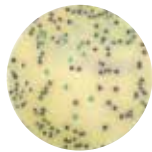
For Clinical Use



#### Brilliance CRE Agar

A chromogenic screening plate for the detection of carbapenem resistant Enterobacteriaceae from clinical samples.

Brilliance CRE Agar (ready poured plates)  
10x90mm PO1226A



#### Brilliance ESBL Agar

Use this medium to identify ESBL-producing *E. coli* and the *Klebsiella*, *Enterobacter*, *Serratia* and *Citrobacter* group (KESC), direct from clinical samples in 24 hours.

Brilliance ESBL Agar (ready poured plates)  
10x90mm PO5302A



#### Brilliance MRSA 2 Agar

Offering excellent sensitivity with the simplicity of a chromogenic plate, use this medium to detect MRSA in 24 hours.

Brilliance MRSA Agar (ready poured plates)  
10x90mm PO1210A  
10x90mm PO5310A

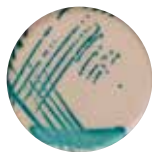


#### Brilliance UTI Clarity Agar

Use this clear medium for the differentiation and presumptive identification of common urinary tract infection organisms.

Brilliance UTI Clarity Agar (ready poured plates)  
10x90mm PO1110A  
10x90mm PO5159A

Brilliance UTI Clarity Agar  
(dehydrated culture medium)  
500g for 13.5 litres medium CM1106B

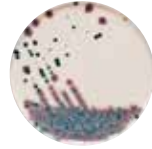


#### Brilliance UTI Agar

A chromogenic medium for the presumptive identification and differentiation of all the main microorganisms that cause urinary tract infections.

Brilliance UTI Agar (ready poured plates)  
10x90mm PO0794A  
10x90mm PO5120A

Brilliance UTI Agar (dehydrated culture medium)  
400g for 8.9 litres medium CM0949C



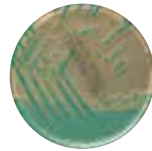
#### Brilliance Candida Agar

A selective differential medium for the rapid isolation and identification of clinically important *Candida* spp.

Brilliance Candida Agar (ready poured plates)  
10x90mm PO1034A  
10x90mm PO5170A

Brilliance Candida Agar Base  
(dehydrated culture medium)  
500g for 16.0 litres medium CM1002B

Brilliance Candida Agar Selective Supplement  
10 vials for 500mL medium SR0231E



#### Brilliance Listeria Agar

A medium for the selective growth and differentiation of *Listeria monocytogenes* and *Listeria* spp.

Brilliance Listeria Agar (ready poured plates)  
10x90mm PO1102A  
10x90mm PO5165A

Brilliance Listeria Agar Base  
(dehydrated culture medium)  
500g for 7.4 litres medium CM1080B  
5kg for 74 litres medium CM1080T

Brilliance Listeria Selective Supplement  
10 vials for 500mL medium SR0227E

Brilliance Listeria Differential Supplement  
10 vials for 500mL medium SR0228E



#### Brilliance Salmonella Agar

A selective medium for the identification and differentiation of *Salmonella*.

Brilliance Salmonella Agar (ready poured plates)  
10x90mm PO5098A

Brilliance Salmonella Agar Base  
(dehydrated culture medium)  
500g for 9.3 litres medium CM1092B

Salmonella Selective Supplement  
10 vials for 500mL medium SR0194E



#### Brilliance VRE Agar

For the detection of vancomycin-resistant enterococci, use this medium to identify *E. faecium* and *E. faecalis*, direct from clinical samples in 24 hours.

Brilliance VRE Agar (ready poured plates)  
10x90mm PO1175A



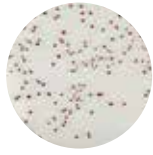
#### Brilliance GBS Agar

A clear, selective chromogenic medium for the presumptive identification of Group B Streptococci (*Streptococcus agalactiae*; GBS) from clinical samples.

Brilliance GBS Agar (ready poured plates)  
10x90mm PO5320A

## Chromogenic Media

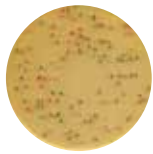
For Food Laboratories



### Brilliance CampyCount Agar

A chromogenic selective medium for the enumeration of *C. jejuni* and *C. coli* from poultry and related samples.

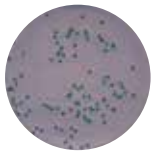
Brilliance CampyCount Agar (ready poured plates)  
10x90mm PO1185A



### Brilliance Enterobacter sakazakii Agar

For the differentiation and enumeration of *Cronobacter* spp. from infant formula and other food samples.

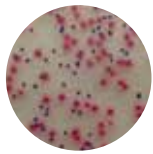
Brilliance Enterobacter sakazakii Agar [DFI]  
(dehydrated culture medium)  
100g for 2.3 litres medium CM1055A  
500g for 11.6 litres medium CM1055B



### Cronobacter sakazakii Isolation Agar

For the isolation and enumeration of *Cronobacter* (formerly *Enterobacter sakazakii*) from milk and milk products. This formulation complies with the formulation described in ISO/TS 22964:2006.

Cronobacter sakazakii Isolation Agar  
(dehydrated culture medium)  
500g for 18.0 litres medium CM1134B

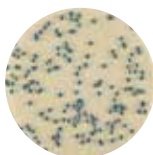


### Brilliance E. coli/coliform Selective Agar

For the detection and enumeration of *E. coli* and other coliforms from food and water samples.

Brilliance E. coli/coliform Selective Agar  
(dehydrated culture medium)  
500g for 17.8 litres medium CM1046B  
2.5kg for 89.0 litres medium CM1046R

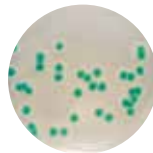
Brilliance E. coli/coliform Selective Agar  
(ready poured plates)  
10x90mm PO5176A



### Brilliance Staph 24 Agar

A selective, chromogenic medium for the isolation and enumeration of coagulase-positive staphylococci in foods within 24 hours.

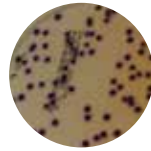
Brilliance Staph 24 Agar (ready poured plates)  
10x90mm PO1186A



### Brilliance Bacillus cereus Agar

Use for the isolation and differentiation of *B. cereus* from food and other samples.

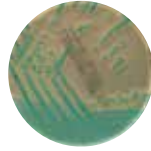
Brilliance Bacillus cereus Agar Base  
(dehydrated culture medium)  
500g for 12.2 litres medium CM1036B  
Brilliance Bacillus cereus Selective Supplement  
10 vials for 500mL medium SR0230E



### Chromogenic Coliform Agar

For the detection and enumeration of coliforms in food and water samples.

Chromogenic Coliform Agar (ready poured plates)  
10x90mm PO5318A  
10x55mm PO5428J



### Brilliance Listeria Agar

For isolation, enumeration and identification of *Listeria* spp. and *Listeria monocytogenes* from food samples, and used as part of the Oxoid Listeria Precip method.

Brilliance Listeria Agar (ready poured plates)  
10x90mm PO1102A  
10x90mm PO5165A

Brilliance Listeria Agar Base  
(dehydrated culture medium)  
500g for 7.4 litres medium CM1080B  
5kg for 7.4 litres medium CM1080T

Brilliance Listeria Selective Supplement  
10 vials for 500mL medium SR0227E

Brilliance Listeria Differential Supplement  
10 vials for 500mL medium SR0228E



### Chromogenic Listeria Agar (ISO)

For isolation, enumeration and isolation *Listeria* species and *Listeria monocytogenes*, compliant with ISO 11290-1:1997 recommended formulation.

Chromogenic Listeria Agar (ready poured plates)  
10x90mm PO5183A  
10x90mm PO1196A

Chromogenic Listeria Agar Base  
(dehydrated culture medium)  
500g for 7.2 litres medium CM1084B

OCLA (ISO) Selective Supplement  
10 vials for 500mL medium SR0226E

OCLA (ISO) Differential Supplement  
(L- $\alpha$ -phosphatidylinositol solution)  
10 vials for 500mL medium SR0244E



### Brilliance Salmonella Agar

A selective medium for the identification and differentiation of *Salmonella*.

Brilliance Salmonella Agar (ready poured plates)  
10x90mm PO5098A\*

Brilliance Salmonella Agar Base  
(dehydrated culture medium)  
500g for 9.3 litres medium CM1092B

Salmonella Selective Supplement  
10 vials for 500mL medium SR0194E



### TBX Agar

Tryptone Bile Agar with X-Glucuronide, a chromogenic medium for the detection and differentiation of *E. coli*.

TBX Agar (ready poured plates)  
10x90mm PO0727A  
10x90mm PO5109A

TBX Agar (dehydrated culture medium)  
500g for 13.7 litres medium CM0945B  
2.5Kg for 68.5 litres medium CM0945R  
5Kg for 137 litres medium CM0945T

### Brucella Selective Medium

a selective medium for the cultivation and isolation of *Brucella* spp.

Blood Agar Base No. 2		
500g	for 12.5 litres medium	CM0271B
OR		
Brucella Medium Base		
500g	for 11.1 litres medium	CM0169B
OR		
Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
Brucella Selective Supplement		
10 vials	for 500mL medium	SR0083A
OR		
Modified Brucella Selective Supplement alternative supplement containing natamycin as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0209E
Horse Serum		
100mL		SR0035C

Buffered Glucose Brilliant Green Bile Broth – see EE Broth

### Buffered Listeria Enrichment Broth (BLEB)

selective enrichment medium for the detection of *Listeria monocytogenes*, intended for use with samples of fermented products and as an alternative method for enrichment of environmental samples

Buffered Listeria Enrichment Broth		
500g	for 10.6 litres medium	CM0897B
2.5kg	for 53 litres medium	CM0897R
5kg	for 106.0 litres medium	CM0897T
Listeria Selective Enrichment Supplement		
10 vials	for 500mL medium	SR0141E
OR		
Modified Listeria Selective Enrichment Supplement alternative supplement containing amphotericin B as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0213E

Buffered Charcoal Yeast Extract Agar – see Legionella BCYE Agar

Buffered Charcoal Yeast Extract Agar without L-Cysteine – see Legionella BCYE Agar without L-Cysteine

### Buffered Peptone Water

500g	for 25.0 litres medium	CM0509B
2.5kg	for 125.0 litres medium	CM0509R
5kg	for 250.0 litres medium	CM0509T

### Buffered Peptone Water (ISO)

a nonselective pre-enrichment broth for the isolation of *Salmonella* from food samples; the formulation complies with ISO 6579:2002

500g	for 25.0 litres medium	CM1049B
2.5kg	for 125.0 litres medium	CM1049R
5kg	for 250.0 litres medium	CM1049T

### Buffered Sodium Chloride Peptone (EP/USP/JP/BP)

an isotonic diluent made to the harmonized Microbial Limit Testing chapters from the EP/USP/JP specification

500g	for 34.2 litres medium	CM0982B
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### Burkholderia cepacia Medium

a selective medium for the isolation of *Burkholderia cepacia*

Burkholderia cepacia Agar Base		
500g	for 13.7 litres medium	CM0995B
Burkholderia cepacia Selective Supplement		
10 vials	for 500mL medium	SR0189E

### Burkholderia cepacia Selective Agar (BCSA)

A selective medium for the isolation of *Burkholderia cepacia* according to USP 60 compliance

Burkholderia cepacia Agar Base (BCSA)		
500g	for 10 liters of medium	R452642
Burkholderia cepacia Selective Supplement USP 60		
0.5 vials	for 1 liter medium	SR0247E
12 vials	for 1 liter medium	SR0099E
0.4 vials	for 1 liter medium	SR0185E
0.8 vials	for 1 liter medium	SR0186E

### \* Butzler Selective Medium

a selective medium for the isolation of *Campylobacter* spp. at 37°C; can be supplemented with Campylobacter Growth Supplement

Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
Campylobacter Selective Supplement (Butzler)		
10 vials	for 500mL medium	SR0085E
Campylobacter Growth Supplement		
10 vials	for 500mL medium	SR0232E

Campylobacter Blood-Free Selective Medium

- see CCDA Medium

### Campylobacter Growth Supplement

a liquid supplement for the enhanced growth and aerotolerance of *Campylobacter* spp.

10 vials	for 500mL medium	SR0232E
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Candida Chromogenic Agar – see Brilliance Candida Agar

### Cary-Blair Transport Medium

a transport medium for Gram-negative and anaerobic organisms

500g	for 37.6 litres medium	CM0519B
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Casein Soya Bean Digest Agar - see Tryptone Soya Agar

Casein Soya Bean Digest Broth - see Tryptone Soya Broth

### CAT Medium

an agar medium for the isolation of *Campylobacter* spp., especially *C. upsaliensis*

Campylobacter Blood-Free Selective Agar Base		
500g	for 11.0 litres medium	CM0739B
CAT Supplement		
10 vials	for 500mL medium	SR0174E

### CCDA Medium

a medium for the isolation of *Campylobacter jejuni*, *C. coli*, *C. upsaliensis* and *C. lari*

Campylobacter Blood-Free Selective Agar Base		
500g	for 11.0 litres medium	CM0739B
2.5kg	for 55 litres medium	CM0739R
CCDA Selective Supplement		
10 vials	for 500mL medium	SR0155E

CDMN – see Clostridium difficile Moxalactam Norfloxacin Agar

\* requires the addition of blood  
Not all products available in all territories. Please contact your local office for details.

### Cefixime Rhamnose Sorbitol MacConkey Agar

selective and differential medium containing rhamnose and cefixime for the isolation of *E. coli* O157

Cefixime Rhamnose Sorbitol MacConkey Agar Base		
500g	for 8.8 litres medium	CM1005B
Cefixime Supplement		
10 vials	for 500mL medium	SR0191E

### Cefixime Supplement

10 vials	0.025mg/vial	SR0191E
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### Cefixime Tellurite Sorbitol MacConkey Agar

for the isolation of *E. coli* O157

Sorbitol MacConkey Agar		
500g	for 9.7 litres medium	CM0813B
2.5kg	for 48.5 litres medium	CM0813R
C-T Supplement store below 0°C		
10 vials	for 500mL medium	SR0172E
10 vials	for 2.0 litres medium	SR0172H

Cephalexin – see Bordetella Selective Medium, Bordetella Selective Supplement

Cetrimide Agar – see Pseudomonas Cetrimide Agar Base

### Cetrimide Selective Agar (EP/USP/JP/BP)

a solid medium recommended for use in quantitative procedures for selective and differential isolation of *Pseudomonas aeruginosa*

500g	11.0 litres medium	CM0579B
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CFC Agar – see Pseudomonas CFC Agar

Chapman Medium – see Mannitol Salt Agar

Charcoal Agar Base – see Bordetella Selective Medium

### China Blue Lactose Agar

for the differentiation and enumeration of bacteria in milk

500g	for 14.3 litres medium	CM0209B
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### Chloramphenicol Supplement

10 vials	50mg/vial	SR0078E
10 vials	200mg/vial	SR0078H

### Cholera Medium TCBS

a selective isolation medium for pathogenic vibrios

500g	for 5.7 litres medium	CM0333B
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Christensen Agar – see Urea Agar

Christensen Broth – see Urea Broth

### Chromogenic Cronobacter Isolation Agar (CCI)

a chromogenic medium for the isolation and enumeration of Cronobacter (formerly *E. sakazakii*) from foods

500g	for 16.34 litres medium	CM1122B
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### Chromogenic Listeria Agar (ISO)

a selective, chromogenic agar for *Listeria* spp. and *L. monocytogenes*, compliant with the ISO 11290-1:1997 recommended formulation

Chromogenic Listeria Agar Base (ISO)		
500g	for 7.2 litres medium	CM1084B
OCLA (ISO) Selective Supplement		
10 vials	for 500mL medium	SR0226E
OCLA (ISO) Differential Supplement L- $\alpha$ -phosphatidylinositol solution		
10 vials	for 500mL medium	SR0244E

Chromogenic Salmonella Medium – see OSCM

Chromogenic TBX - see TBX Agar

Chromogenic (other) media - see *Brilliance* range, pages Chromogenic Media

CIN Agar – see Yersinia Selective Agar

Clarks & Lubbs Medium – see MRVP Medium

### Clausen Medium – Dithionite Thioglycollate (HS-T) Medium

originally taken from the Nordic Pharmacopoeia, for sterility testing

500g	for 12.5 litres medium	CM0353B
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### CLED Medium

Cystine-Lactose-Electrolyte Deficient medium for urinary bacteriology

500g	for 13.8 litres medium	CM0301B
2.5kg	for 69.0 litres medium	CM0301R

### CLED Medium (with Andrade's indicator)

for urinary bacteriology

500g	for 13.8 litres medium	CM0423B
2.5kg	for 69.0 litres medium	CM0423R

### ★ Clostridium difficile Selective Medium

for the isolation of *Clostridium difficile*

Clostridium difficile Agar Base		
500g	for 7.2 litres medium	CM0601B
Clostridium difficile Selective Supplement		
10 vials	for 500mL medium	SR0096E

### ★ Clostridium difficile Moxalactam Norfloxacin Selective Agar

a more selective alternative to Clostridium difficile Selective Medium

Clostridium difficile Agar Base		
500g	for 7.2 litres medium	CM0601B
CDMN Supplement		
10 vials	for 500mL medium	SR0173E

### ★ CNA Staph/Strep Selective Agar

a selective medium for staphylococci and streptococci

Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
OR		
Blood Agar Base No. 2		
500g	for 12.5 litres medium	CM0271B
Staph/Strep Selective Supplement		
10 vials	for 500mL medium	SR0070E

CN Agar – see Pseudomonas CN Agar

### ★ COBA Selective Medium

for the selective isolation of streptococci

Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
Streptococcus Selective Supplement (COBA)		
10 vials	for 500mL medium	SR0126E

### Cocoa Salmonella Recovery (CSR) Broth

A single-step enrichment medium for the recovery and growth of low levels of stressed *Salmonella* species from chocolate raw materials and interim products, such as cocoa powder, liquor, mass and butter, as well as finished chocolate products

500g		CM1155B
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### Cold Filterable Tryptone Soya Broth

a gamma-irradiated, cold filterable Tryptone Soya Broth suitable for microbiological media fill trials in the pharmaceutical industry

500g	for 16.7 litres medium	CM1065B
2.5kg	for 83.3 litres medium	CM1065R
5kg	for 167.0 litres medium	CM1065T
25kg	for 833.0 litres medium	CM1065K

### Cold Filterable Vegetable Peptone Broth

a gamma-irradiated, cold filterable Vegetable Peptone Broth suitable for microbiological media fill trials in the pharmaceutical industry, made using raw materials free from animal-derived material

500g	for 16.1 litres medium	VG0104B
5kg	for 161.0 litres medium	VG0104T

### Columbia Agar MLT (EP/USP/JP/BP)

recommended for use in qualitative procedures as a general purpose medium for cultivation of fastidious and nonfastidious organisms

500g	12.0 litres medium	R455412
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### ★ Columbia Blood Agar Base

a multipurpose medium suitable for the cultivation of fastidious organisms

500g	for 12.8 litres medium	CM0331B
2.5kg	for 64.0 litres medium	CM0331R
5kg	for 128.0 litres medium	CM0331T

Columbia CNA Agar – see CNA Staph/Strep Selective Agar

### Cooked Meat Medium

an excellent medium for the primary growth and maintenance of aerobic and anaerobic organisms

500g		CM0081B
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### Corn Meal Agar

a mycological medium for the identification of *C. albicans* and the maintenance of fungal stock cultures

500g	for 29.4 litres medium	CM0103B
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### Cronobacter Screening Broth (CSB)

a differential enrichment broth, for use in conjunction with chromogenic agars, for the isolation of *Cronobacter* (formerly *E. sakazakii*) from foods

Cronobacter Screening Broth Base		
500g	for 17.8 litres medium	CM1121B
Vancomycin Supplement (5mg)		
10 vials	for 500mL medium	SR0247E

### Crossley Milk Medium

a diagnostic medium for examination of food samples for anaerobes

500g	for 4.5 litres medium	CM0213B
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CR-SMAC – see Cefixime Rhamnose Sorbitol MacConkey Agar

CT-SMAC – see Cefixime Tellurite Sorbitol MacConkey Agar

### Cycloheximide 0.1% Solution

a solution for addition to a range of Thermo Scientific media for the suppression of fungi

100mL		SR0222C
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### Czapek Dox Agar Modified

for the cultivation of fungi

500g	for 11.0 litres medium	CM0097B
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### Czapek Dox Liquid Medium

for the cultivation of fungi

500g	for 15.0 litres medium	CM0095B
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DCA – see Desoxycholate Citrate Agar

DCA (Hynes) – see Desoxycholate Citrate Agar (Hynes)

### DCLS Agar (Desoxycholate Lactose Sucrose)

a modified DCA, containing sucrose to improve the accuracy of recognition of pathogenic Enterobacteriaceae

500g	for 10.0 litres medium	CM0393B
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D-Cycloserine – see Tryptose Cycloserine Agar, Perfringens (TSC) Supplement

De Man Rogosa Sharpe Agar – see MRS Agar

### Dermasel Medium

for the primary isolation and identification of dermatophyte fungi

Dermasel Agar Base		
500g	for 11.2 litres medium	CM0539B
Dermasel Selective Supplement		
10 vials	for 500mL medium	SR0075E

### Desoxycholate Agar

a differential medium for the enumeration of coliforms and for the isolation of enteric pathogens

500g	for 11.1 litres medium	CM0163B
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### Desoxycholate Citrate Agar

a differential medium for the enumeration of coliforms and for the isolation of enteric pathogens

500g	for 10.3 litres medium	CM0035B
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### Desoxycholate Citrate Agar (Hynes)

for isolation of enteric pathogens

500g	for 9.6 litres medium	CM0227B
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### Dextrose Tryptone Agar

for the detection and enumeration of thermophilic and mesophilic organisms in food

500g	for 18.5 litres medium	CM0075B
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### Dextrose Tryptone Broth

for the detection and enumeration of thermophilic and mesophilic organisms in food

500g	for 33.3 litres medium	CM0073B
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### Diagnostic Sensitivity Test Agar (DSTA)

a susceptibility test agar for antimicrobial susceptibility testing

500g	for 12.5 litres medium	CM0261B
2.5kg	for 62.5 litres medium	CM0261R
5kg	for 125.0 litres medium	CM0261T

### Dichloran-Glycerol (DG18) (ISO) Agar

a selective, low water activity medium for xerophilic moulds from dried and semidried foods according to ISO 21527-2

<b>Dichloran-Glycerol (DG18) (ISO) Agar base</b> Requires chloramphenicol supplement SR0078E/SR0078H		
500g	for 15.8 litres medium	CM1150B
<b>Chloramphenicol Supplement</b>		
10 vials	for 500mL medium	SR0078E
10 vials	for 2.0 litres medium	SR0078H
<b>Pre-Supplemented Dichloran-Glycerol (DG18) (ISO) Agar</b>		
500g	for 15.8 litres medium	CM1151B

### Dichloran-Glycerol (DG18) Selective Medium

a selective, low water activity medium for xerophilic moulds from dried and semidried foods

<b>Dichloran-Glycerol (DG18) Agar Base</b>		
500g	for 15.9 litres medium	CM0729B
<b>Chloramphenicol Supplement</b>		
10 vials	for 500mL medium	SR0078E
10 vials	for 2.0 litres medium	SR0078H

### Dichloran Rose-Bengal Chloramphenicol Agar (DRBC)

a selective medium for yeasts and moulds associated with food spoilage

<b>DRBC Agar Base</b>		
500g	for 15.9 litres medium	CM0727B
<b>Chloramphenicol Supplement</b>		
10 vials	for 500 mL medium	SR0078E
10 vials	for 2.0 litres medium	SR0078H

### Dichloran Rose-Bengal Chloramphenicol (ISO) Agar

a selective medium for yeasts and moulds associated with food spoilage, formulated according to ISO 21527-1

<b>DRBC (ISO) Agar Base</b> Requires chloramphenicol supplement SR0078E/SR0078H		
500g	for 15.8 litres medium	CM1148B
<b>Chloramphenicol Supplement</b>		
10 vials	for 500mL medium	SR0078E
10 vials	for 2.0 litres medium	SR0078H
<b>Pre-supplemented DRBC (ISO) Agar</b>		
500g	for 15.8 litres medium	CM1149B
2.5kg	for 79 litres medium	CM1149R

### DNase Agar

for the detection of microbial deoxyribonuclease enzymes, particularly from staphylococci

500g	for 12.8 litres medium	CM0321B
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DRBC – see Dichloran Rose-Bengal Chloramphenicol Agar

DSTA – see Diagnostic Sensitivity Test Agar

### EC Broth

for the isolation of *E. coli* and other coliforms

500g	for 13.5 litres medium	CM0853B
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### EC Broth (Reduced Bile Salts)

a selective enrichment broth for the growth of *E. coli* O157 from food and environmental samples. Enhanced selectivity can be achieved with the addition of novobiocin.

500g	for 13.7 litres medium	CM0990B
2.5kg	for 68.5 litres medium	CM0990R
<b>Novobiocin Supplement</b>		
10 vials	for 500mL medium	SR0181E

### EC Broth with MUG

for the isolation and presumptive identification of *E. coli*

500g	for 13.5 litres medium	CM0979B
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Edel-Kampelmacher Medium – see Brilliant Green Agar (Modified)

### ★ Edwards Medium Modified

for the selective isolation of *Streptococcus agalactiae*

500g	for 12.2 litres medium	CM0027B
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### EE Broth (Buffered Glucose Brilliant Green Bile Broth)

an enrichment medium for bile-tolerant, Gram-negative bacteria

500g	for 11.5 litres medium	CM0317B
5kg	for 114.9 litres medium	CM0317T

### Endo Agar

an APHA recommended medium for the confirmation of coliforms; also see Membrane Endo Agar LES

<b>Endo Agar Base</b>		
500g	for 13.9 litres medium	CM0479B
<b>Basic Fuchsin Indicator</b>		
10g		BR0050A

### Enterobacteria Enrichment Broth-Mossel (EP/USP/JP/BP)

an enrichment medium for bile-tolerant, Gram-negative bacteria in the microbiological examination of pharmaceutical products

500g	for 19.2 litres medium	CM1115B
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### Cronobacter sakazakii Isolation Agar

A chromogenic medium for the isolation and enumeration of *Cronobacter* (formerly *E. sakazakii*) from milk and milk products, with formulation that complies with ISO/TS 22964:2006

500g	for 18.0 litres medium	CM1134B
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Enterococcus Agar – see Slanetz and Bartley Medium

### Eosin Methylene Blue Agar (Levine)

an isolation medium for the differentiation of Enterobacteriaceae

500g	for 13.3 litres medium	CM0069B
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FBP Supplement – see Campylobacter Growth Supplement

### Fraser Broth

a secondary, selective, diagnostic enrichment medium for the isolation of *Listeria* spp. from food and environmental samples

Fraser Broth Base		
500g	for 8.7 litres medium	CM0895B
2.5kg	for 43.6 litres medium	CM0895R
5kg	for 87.1 litres medium	CM0895T
Fraser Supplement		
10 vials	for 500mL medium	SR0156E

GBS Agar – see Group B Streptococci Medium

GC Media – see New York City Media and Thayer Martin Media

### \* Gardnerella vaginalis Selective Medium

for the isolation of *Gardnerella vaginalis*

Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
Gardnerella vaginalis Selective Supplement		
10 vials	for 500mL medium	SR0119E

### Gentamicin Supplement

10 vials	256mg/vial	SR0185E
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### Giolitti-Cantoni Broth

for the enrichment of *Staphylococcus aureus* from foods

Giolitti-Cantoni Broth Base		
500g	for 9.2 litres medium	CM0523B
Potassium Tellurite 3.5%		
10x2mL		SR0030J

### Group B Streptococci Medium

for the isolation and detection of Group B streptococci in clinical specimens

GBS Agar Base (Islam)		
500g	for 11.1 litres medium	CM0755B
Horse Serum		
100mL		SR0035C

GVPC Selective Medium – see Legionella GVPC Selective Medium

GVPN Selective Medium – see Legionella GVPN Selective Medium

### Haemophilus Test Medium (HTM)

for the susceptibility testing of *Haemophilus influenzae*

HTM Base		
500g	for 11.6 litres medium	CM0898B
HTM Supplement store at -20°C to 0°C		
10 vials	for 500mL medium	SR0158E

### Half Fraser Broth

a primary selective enrichment broth for *Listeria* spp.

Fraser Broth Base		
500g	for 8.7 litres medium	CM0895B
2.5kg	for 43.6 litres medium	CM0895R
5kg	for 87.1 litres medium	CM0895T
Half Fraser Supplement		
10 vials	for 225mL medium	SR0166E
10 vials	for 2.25 litres medium	SR0166G

### Half Fraser Broth (without Ferric Ammonium Citrate)

a pre-supplemented primary selective enrichment broth for *Listeria* spp., no further additions, except Ferric Ammonium Citrate, if required

500g	for 8.7 litres medium	CM1053B
2.5kg	for 43.6 litres medium	CM1053R
10kg	for 174.4 litres medium	CM1053G

### Heart Infusion Broth

a highly nutritious, liquid medium recommended for the cultivation of fastidious organisms. Also see Brain Heart Infusion Broth

500g	for 13.5 litres medium	CM1032B
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### Hektoen Enteric Agar

a differential selective medium for the isolation of *Shigella* and *Salmonella* spp.

500g	for 6.6 litres medium	CM0419B
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### \* Helicobacter pylori Selective Medium

for the selective isolation of *Helicobacter pylori*

Columbia Blood Agar Base		
500g	for 12.8 litres medium	CM0331B
Helicobacter pylori Selective Supplement (Dent)		
10 vials	for 500mL medium	SR0147E

### \* Hoyle Medium

for the isolation and differentiation of all types of *Corynebacterium diphtheriae*

Hoyle Medium Base		
500g	for 12.5 litres medium	CM0083B
Potassium Tellurite 3.5%		
10x2mL		SR0030J

### Iron Sulphite Agar

for the detection of thermophilic anaerobic organisms

500g	for 21.7 litres medium	CM0079B
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Irradiated Tryptone Soya Broth – see Cold Filterable Tryptone Soya Broth

Irradiated Vegetable Peptone Broth – see Cold Filterable Vegetable Peptone Broth

Islam Medium – see Group B Streptococci Medium



### Iso-Sensitest Agar

a semidefined medium designed for antimicrobial susceptibility testing

500g	for 15.9 litres medium	CM0471B
2.5kg	for 79.5 litres medium	CM0471R
5kg	for 159.0 litres medium	CM0471T

### Iso-Sensitest Broth

a semidefined medium designed for antimicrobial susceptibility testing

500g	for 21.4 litres medium	CM0473B
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### Kanamycin Aesculin Azide Agar

a selective medium for the isolation of enterococci in foodstuffs

Kanamycin Aesculin Azide Agar Base		
500g	for 11.7 litres medium	CM0591B
2.5kg	for 58.5 litres medium	CM0591R
Kanamycin Sulphate Supplement 10mg/vial		
10 vials	for 500mL medium	SR0092E

### Karmali Selective Medium

a blood-free, selective medium for the isolation of *Campylobacter jejuni* and *Campylobacter coli* when incubated at 42°C

Campylobacter Agar Base (Karmali)		
500g	for 11.6 litres medium	CM0935B
Campylobacter Selective Supplement (Karmali)		
10 vials	for 500mL medium	SR0167E
OR		
Modified Karmali Selective Supplement alternative supplement containing amphotericin B as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0205E

Kauffmann Medium – see Brilliant Green Agar

### K-F Streptococcus Agar

a selective medium for the isolation and enumeration of Group D streptococci

K-F Streptococcus Agar Base		
500g	for 6.5 litres medium	CM0701B
TTC Solution (1%)		
10x5mL	for 500mL medium	SR0229K
OR		
TTC Solution (5%)		
100mL		SR0211C

### Kligler Iron Agar

a differential medium for the identification of the Enterobacteriaceae

500g	for 9.1 litres medium	CM0033B
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### Lab-Lemco Agar

nutrient medium equivalent to USA nutrient extract formulations

500g	for 21.7 litres medium	CM0017B
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### Lab-Lemco Broth

nutrient medium equivalent to USA nutrient extract formulations

500g	for 62.5 litres medium	CM0015B
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### Lactic Acid 10%

10x1mL		SR0021H
10x5mL		SR0021K

### Lactose Broth

for the presumptive identification of *E. coli* and coliforms

500g	for 38.5 litres medium	CM0137B
2.5kg	for 192.5 litres medium	CM0137R

### Lauryl Tryptose Broth (Lauryl Sulphate Broth)

an APHA standard methods medium for the examination of water and waste water

500g	for 14.0 litres medium	CM0451B
2.5kg	for 70.0 litres medium	CM0451R

### Lauryl Tryptose Broth with MUG

for the presumptive identification of *E. coli*

500g	for 14.0 litres medium	CM0980B
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### Lauryl Tryptose Broth (Modified) with MUG

for the enumeration of presumptive *E. coli* and other coliforms from water, dairy and food samples; with additional tryptophan

500g	for 13.6 litres medium	CM0967B
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### Legionella BCYE Agar

a growth medium for the isolation of Legionellaceae

Legionella CYE Agar Base		
500g	for 20.0 litres medium	CM0655B
2.5kg	for 100 litres medium	CM0655R
Legionella BCYE Growth Supplement		
10 vials	for 100mL medium	SR0110A
10 vials	for 500mL medium	SR0110C

### Legionella BCYE Agar without L-Cysteine

to be used in conjunction with BCYE medium as a confirmatory test for *Legionella* spp.

Legionella CYE Agar Base		
500g	for 20.0 litres medium	CM0655B
2.5kg	for 100 litres medium	CM0655R
Legionella BCYE Growth Supplement without L-cysteine		
10 vials	for 100mL medium	SR0175A

### Legionella BMPA-α Selective Medium

a semiselective medium for the isolation of *Legionella pneumophila* from clinical and environmental specimens

Legionella CYE Agar Base		
500g	for 20.0 litres medium	CM0655B
2.5kg	for 100 litres medium	CM0655R
Legionella BMPA-α Growth Selective Supplement		
10 vials	for 100mL medium	SR0111E
10 vials	for 500mL medium	SR0111B
Legionella BCYE Growth Supplement		
10 vials	for 100mL medium	SR0110A
10 vials	for 500mL medium	SR0110C

### Legionella GVPC Selective Medium

a selective medium for the isolation of *Legionella* spp. from environmental samples

Legionella CYE Agar Base		
500g	for 20.0 litres medium	CM0655B
2.5kg	for 100 litres medium	CM0655R
Legionella GVPC Selective Supplement		
10 vials	for 500mL medium	SR0152E
Legionella BCYE Growth Supplement		
10 vials	for 100mL medium	SR0110A
10 vials	for 500mL medium	SR0110C

# Culture Media

## Dehydrated Culture Media

### Legionella GVPN Selective Medium

an alternative to GVPC selective medium, containing natamycin as a replacement for cycloheximide, for the selective isolation of *Legionella* spp.

Legionella CYE Agar Base		
500g	for 20.0 litres medium	CM0655B
2.5kg	for 100 litres medium	CM0655R
Legionella GVPN Selective Supplement		
10 vials	for 500mL medium	SR0215E
Legionella BCYE Growth Supplement		
10 vials	for 100mL medium	SR0110A
10 vials	for 500mL medium	SR0110C

### Legionella MWY Selective Medium

a selective medium for the isolation of *Legionella pneumophila* from potable water samples

Legionella CYE Agar Base		
500g	for 20.0 litres medium	CM0655B
2.5kg	for 100 litres medium	CM0655R
Legionella MWY Selective Supplement		
10 vials	for 100mL medium	SR0118E
10 vials	for 500mL medium	SR0118B
Legionella BCYE Supplement		
10 vials	for 100mL medium	SR0110A
10 vials	for 500mL medium	SR0110C

Levine Medium – see Eosin Methylene Blue Agar

### Liquid Yeast Autolysate

a source of nitrogen and vitamins suitable for addition to a range of culture media

Listeria Chromogenic Agar – see *Brilliance* Listeria Agar

Listeria Chromogenic Agar (ISO) – see Chromogenic Listeria Agar (ISO)

Listeria Novel Enrichment Broth – see ONE Broth-Listeria

## Listeria Preci Method

Thermo Scientific™ Oxoid™ Listeria Preci™ Method is a rapid culture method for the enrichment, isolation and identification of *Listeria monocytogenes* and *Listeria* spp. in just 2 days. Validated by AFNOR to ISO 16140 for all food, animal feed and environmental samples; use Thermo Scientific Oxoid O.B.I.S Mono ID System (ID0600M) for rapid confirmation.

### ONE Broth-Listeria

for selective enrichment of *Listeria* spp. from food samples in 24 hours

ONE Broth-Listeria Base		
500g	for 11.4 litres medium	CM1066B
2.5kg	for 57.0 litres medium	CM1066R
5kg	for 114 litres medium	CM1066T
ONE Broth-Listeria Selective Supplement		
10 vials	for 500mL medium	SR0234E
10 vials	for 2.25 litres medium	SR0234B
10 vials	for 2 litres medium	SR0234H
ONE Broth-Listeria Complete		
5x20L Dry-Bag	for 20 litres of medium	DB1066V

### Brilliance Listeria Agar

a chromogenic agar for the selective growth and differentiation of *Listeria monocytogenes* and *Listeria* spp.

Brilliance Listeria Agar Base		
500g	for 7.4 litres medium	CM1080B
5kg	for 74 litres medium	CM1080T
Brilliance Listeria Selective Supplement		
10 vials	for 500mL medium	SR0227E
Brilliance Listeria Differential Supplement		
10 vials	for 500mL medium	SR0228E

### Listeria Selective Agar (Oxford Formulation)

a selective and diagnostic medium for the detection of *Listeria* spp.

Listeria Selective Agar Base (Oxford)		
500g	for 9.0 litres medium	CM0856B
2.5kg	for 45.0 litres medium	CM0856R
5kg	for 90 litres medium	CM0856T
Listeria Selective Supplement		
10 vials	for 500mL medium	SR0140E
10 vials	for 2.5 litres medium	SR0140B
OR		
Modified Listeria Selective Supplement (Oxford) alternative supplement containing amphotericin B as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0206E
10 vials	for 2.5 litres medium	SR0206B

### Listeria Selective Enrichment Medium

this medium complies with the formulation often referred to as the FDA method

Listeria Enrichment Broth		
500g	for 13.9 litres medium	CM0862B
Listeria Selective Enrichment Supplement		
10 vials	for 500mL medium	SR0141E
OR		
Listeria Selective Enrichment Supplement (Modified) includes cycloheximide; modified with 10mg/litre acriflavine		
10 vials	for 2.25 litres medium	SR0149A

### Listeria Selective Enrichment Media (UVM Formulations)

a two step, selective enrichment (USDA-FSIS) method

Listeria Enrichment Broth - UVM 1 Broth (complete)		
500g		CM1054B
OR		
Listeria Enrichment Broth Base (UVM formulation) use with appropriate supplement for UVM I broth or UVM II broth		
500g	for 9.2 litres medium	CM0863B
Listeria Primary Selective Enrichment Supplement (UVM I)		
10 vials	for 500mL medium	SR0142E
OR		
Listeria Secondary Selective Enrichment Supplement (UVM II)		
10 vials	for 500mL medium	SR0143E

Listeria Selective Agar PALCAM – see PALCAM Agar

### Liver Broth

for the examination of foods for saccharolytic or putrefactive mesophilic and thermophilic anaerobes

500g	for 7.8 litres medium	CM0077B
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### Lysine Decarboxylase Broth Tablets (Taylor modification)

for the differentiation of the Enterobacteriaceae. Each tablet makes 5mL of medium; store at 2–8°C

### Lysine Iron Agar

a diagnostic medium for salmonellae, including *Salmonella arizonae*

500g	for 14.7 litres medium	CM0381B
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### Lysine Medium

for the isolation and enumeration of wild yeasts in pitching yeast

Lysine Medium Base		
500g	for 7.6 litres medium	CM0191B
Potassium Lactate		
10x1mL		SR0037H
Lactic Acid 10%		
10x1mL		SR0021H
10x5mL		SR0021K

### M17 Agar

for improved growth of lactic streptococci and their bacteriophages, and the selective enumeration of *Streptococcus thermophilus* from yoghurt

500g	for 10.4 litres medium	CM0785B
Lactose Bacteriological		
500g		LP0070B

### M17 Broth

for improved growth of lactic streptococci and their bacteriophages, and the selective enumeration of *Streptococcus thermophilus* from yoghurt

500g	for 13.4 litres medium	CM0817B
Lactose Bacteriological		
500g		LP0070B

### MacConkey Agar

a differential medium for the isolation of coliforms and intestinal pathogens in water, dairy products and biological specimens

500g	for 9.6 litres medium	CM0007B
2.5kg	for 48.0 litres medium	CM0007R

### MacConkey Agar (EP/USP/JP/BP)

a solid medium recommended for use in qualitative procedures for selection and differential isolation of Gram-negative bacilli

500g	for 10.0 litres medium	R453802
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### MacConkey Agar (without salt)

a differential medium for urine examination on which swarming of *Proteus* spp. is suppressed

500g	for 10.6 litres medium	CM0507B
2.5kg	for 53.2 litres medium	CM0507R
5kg	for 106 litres medium	CM0507T

### MacConkey Agar No. 2

a modification of MacConkey Agar No. 3 containing Bile Salts No. 2 for the recognition of enterococci

500g	for 9.7 litres medium	CM0109B
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### MacConkey Agar No. 3

a selective medium giving excellent differentiation between lactose and non-lactose fermenters with the inhibition of Gram-positive cocci

500g	for 9.7 litres medium	CM0115B
5kg	for 97.0 litres medium	CM0115T

### MacConkey Broth

a differential medium containing neutral red for the detection of coliform organisms in water and milk

500g	for 12.5 litres medium	CM0005B
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### MacConkey Broth (EP/USP/JP/BP)

a liquid medium recommended for use in qualitative procedures for selective isolation and presumptive identification of Enterobacteriaceae

500g	for 14.2 litres medium	R453822
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### MacConkey Broth Purple (US Formulation)

a differential medium containing bromocresol purple for the detection of coliforms

500g	for 12.5 litres medium	CM0505B
2.5kg	for 62.5 litres medium	CM0505R

### Malt Extract Agar

for the detection, isolation and enumeration of yeasts and moulds

500g	for 10.0 litres medium	CM0059B
5kg	for 100 litres medium	CM0059T

### Malt Extract Broth

for the cultivation of moulds and yeasts

500g	for 25.0 litres medium	CM0057B
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Mannitol Egg Yolk Polymyxin Agar – see MYP Agar

### Mannitol Salt Agar (Chapman Medium)

for the isolation of pathogenic staphylococci

500g	for 4.5 litres medium	CM0085B
2.5kg	for 22.5 litres medium	CM0085R
5kg	for 45.0 litres medium	CM0085T

### Mannitol Salt Agar (EP/USP/JP/BP)

a solid medium recommended for use in qualitative procedures for selective and differential isolation of staphylococci

500g	for 4.5 litres medium	R453902
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### Mannitol Selenite Broth

a modification of Selenite F Broth for the selective enrichment of salmonellae

Mannitol Selenite Broth Base		
500g	for 26.3 litres medium	CM0399B
Sodium Biselenite		
100g	for 25.0 litres medium	LP0121A

### Maximum Recovery Diluent (MRD)

a protective isotonic diluent

500g	for 52.6 litres medium	CM0733B
2.5kg	for 263.0 litres medium	CM0733R
5kg	for 526.0 litres medium	CM0733T

### Membrane Clostridium perfringens Medium (m-CP)

a chromogenic medium for rapid isolation and presumptive identification of *Clostridium perfringens* from water samples

Membrane Clostridium perfringens (m-CP) Agar Base		
500g	for 7.0 litres medium	CM0992B
Membrane Clostridium perfringens (m-CP) Selective Supplement		
10 vials	for 500mL medium	SR0188E

### Membrane Endo Agar LES

an APHA recommended medium for the confirmation of coliforms

Membrane Endo Agar LES		
500g	for 11.1 litres medium	MM0551B
Basic Fuchsin Indicator		
10g		BR0050A

### Membrane Lactose Glucuronide Agar (MLGA)

a selective chromogenic medium for differentiation of *E. coli* and other coliforms

500g	for 5.7 litres medium	CM1031B
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### Membrane Lauryl Sulphate Broth

a direct replacement for Membrane Enriched Teepol Broth requiring no supplementation

500g	for 6.6 litres medium	MM0615B
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### Meropenem Supplement

10 vials	1mg/vial	SR0184E
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### Milk Agar

plate count agar for use in the dairy industry

500g	for 20.8 litres medium	CM0021B
2.5kg	for 104.0 litres medium	CM0021R

### Milk Plate Count Agar

with antibiotic free skimmed milk

500g	for 25.6 litres medium	CM0681B
2.5kg	for 128.0 litres medium	CM0681R

### Minerals Modified Glutamate Medium

for the enumeration of the coliform group in water (supplied as a twin pack)

Minerals Modified Glutamate Medium Base plus Sodium Glutamate		
500g plus 300g	for 22.0 litres medium	CM0607G

MKTT-n – see Muller-Kauffmann Tetrathionate Novobiocin Broth

### MLCB Agar

for the selective isolation of salmonellae (not *Salmonella* Typhi or *Salmonella* Paratyphi A)

500g	for 10.2 litres medium	CM0783B
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MLGA – see Membrane Lactose Glucuronide Agar

MSLB – see Membrane Lauryl Sulphate Broth

Modified Brilliant Green Agar – see Brilliant Green Agar (Modified)

### Modified Lauryl Sulphate Tryptose

#### Vancomycin Broth

for selective enrichment of *Cronobacter* (formerly *E. sakazakii*) from milk and milk products, with formulation that complies with ISO/TS 22964:2006

Modified Lauryl Sulphate Tryptose Broth Base (mLST)		
500g	for 7.74 litres medium	CM1133B
Vancomycin Supplement (5mg)		
10 vials	for 500mL medium	SR0247E

Modified Lauryl Tryptose Broth with MUG – see Lauryl Tryptose Broth (Modified) with MUG

Modified New York City Media – see New York City Media

### Modified Semi-solid Rappaport Vassiliadis (MSRV) Medium

for detection of motile *Salmonella* spp. from food and environmental samples

MSRV Medium Base N.B. maximum shelf life of 12 months		
500g	for 15.8 litres medium	CM0910B
MSRV Selective Supplement		
10 vials	for 500mL medium	SR0161E

### Modified Semi-solid Rappaport Vassiliadis (MSRV) Medium (ISO)

a semisolid medium for the detection of *Salmonella* spp. from food and environmental samples, with formulation conforming to that recommended in ISO 6579 Annex D

MSRV (ISO) Medium Base N.B. maximum shelf life of 12 months		
500g	for 15.8 litres medium	CM1112B
MSRV Selective Supplement		
10 vials	for 1 litre medium	SR0161E

Modified Tryptone Soya Broth – see Tryptone Soya Broth (Modified)

Modified Wadowsky Yee Medium – see Legionella MWY Selective Medium

MRD – see Maximum Recovery Diluent

### MRS Agar (De Man, Rogosa, Sharpe)

for the growth of lactobacilli

500g	for 8.1 litres medium	CM0361B
2.5kg	for 40.5 litres medium	CM0361R
5kg	for 81 litres medium	CM0361T

### MRS (De Man, Rogosa, Sharpe) (ISO) Agar

for the growth of lactobacilli. Complies with ISO 15214:1998

500g	for 7.5 litres medium	CM1153B
2.5kg	for 37.5 litres medium	CM1153R

### MRS Broth (De Man, Rogosa, Sharpe)

for the growth of lactobacilli

500g	for 9.6 litres medium	CM0359B
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### MRVP Medium (Clarks and Lubs Medium)

a glucose-phosphate medium for the differentiation of the coli-aerogenes group by the Methyl Red and Voges-Proskauer tests

500g	for 29.4 litres medium	CM0043B
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MSRV – see Modified Semi-solid Rappaport Vassiliadis Medium

MSRV (ISO) – see Modified Semi-solid Rappaport Vassiliadis Medium (ISO)

m-TSB – see Tryptone Soya Broth (Modified)

### Mueller-Hinton Agar

conforming to the M6-A2 CLSI international standard for antimicrobial susceptibility testing media

500g	for 13.2 litres medium	CM0337B
2.5kg	for 66.0 litres medium	CM0337R
5kg	for 132.0 litres medium	CM0337T

### Mueller-Hinton Broth

conforming to international standards for antimicrobial susceptibility testing media

500g	for 23.8 litres medium	CM0405B
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### Muller-Kauffmann Tetrathionate Broth Base

a selective enrichment medium for the isolation of *Salmonella* and the suppression of *Proteus* spp.

500g	for 6.1 litres medium	CM0343B
2.5kg	for 30.5 litres medium	CM0343R

### Muller-Kauffmann Tetrathionate Novobiocin Broth (MKTTn)

a selective enrichment broth for the isolation of *Salmonella* from food samples; complies with ISO 6579:2002

MKTTn Broth Base		
500g	for 5.8 litres medium	CM1048B
Novobiocin Supplement		
10 vials	for 250mL medium	SR0181E

### MUG Supplement

4-methylumbelliferyl-β-D-glucuronide; a fluorogenic substrate for the detection of *Escherichia coli*

### Mycoplasma Agar

for the selective isolation of *Mycoplasma* spp.

Mycoplasma Agar Base		
500g	for 14.1 litres medium	CM0401B
Mycoplasma Supplement G		
10 vials	for 80mL medium	SR0059C

### Mycoplasma Broth

for the selective isolation of *Mycoplasma* spp.

Mycoplasma Broth Base		
500g	for 19.6 litres medium	CM0403B
Mycoplasma Supplement G		
10 vials	for 80mL medium	SR0059C

### Mycoplasma pneumoniae Bi-phasic Medium

for the selective isolation of *Mycoplasma pneumoniae*

Mycoplasma Agar Base		
500g	for 14.1 litres medium	CM0401B
Mycoplasma Supplement P each vial reconstitutes to 20mL and produces 10 quantities of bi-phasic medium		
10 vials	for 10 overlays each	SR0060C

### MYP Agar

a medium for the enumeration of *Bacillus cereus* in food samples

MYP Agar Base		
500g	for 11.6 litres medium	CM0929B
Polymyxin B Supplement		
10 vials	for 500mL medium	SR0099E
Egg Yolk Emulsion		
100mL		SR0047C

### Neomycin Supplement

allows the growth of clostridia and other anaerobes

10 vials	150mg/vial	SR0163H
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### \* New York City Media

for the isolation of *Neisseria gonorrhoeae*. Different combinations of growth and selective supplements give media with alternative growth and inhibitory properties; for more information visit [www.thermoscientific.com/microbiology](http://www.thermoscientific.com/microbiology).

GC Agar Base		
500g	for 13.9 litres medium	CM0367B
2.5kg	for 69.5 litres medium	CM0367R
5kg	for 139 litres medium	CM0367T
Liquid Yeast Autolysate		
10 vials	for 2.0 litres medium	SR0182H
Laked Horse Blood		
100mL		SR0048C
LCAT Selective Supplement		
10 vials	for 500mL medium	SR0095B
10 vials	for 2.0 litres medium	SR0095H
VCAT Selective Supplement		
10 vials	for 500mL medium	SR0104B
10 vials	for 2.0 litres medium	SR0104H

Nickerson Medium – see BiGGY Agar

### Nitrocefin

for the detection of β-lactamase activity

Nitrocefin with Rehydration Fluid		
2x5 vials	1mg/vial pair	SR0112C

### Novobiocin Supplement

can be used to increase the selectivity of some *Salmonella* and *E. coli* O157 media

10 vials	10mg/vial	SR0181E
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Novel Enrichment Broth-Listeria – see ONE Broth-Listeria

### Nutrient Agar

500g	for 17.9 litres medium	CM0003B
2.5kg	for 89.5 litres medium	CM0003R
5kg	for 179 litres medium	CM0003T

### Nutrient Agar Tablets

each tablet makes 5mL of medium

100 tabs	for 500mL medium	CM0004C
500 tabs	for 2.5 litres medium	CM0004D

### Nutrient Broth

500g	for 38.5 litres medium	CM0001B
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### Nutrient Broth No. 2

500g	for 20.0 litres medium	CM0067B
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### Nutrient Gelatin

for the differentiation of microorganisms by their proteolytic effects

500g	for 3.9 litres medium	CM0635B
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### OGYE Selective Supplement

Oxytetracycline 0.05g/vial		
10 vials	for 500mL medium	SR0073A

OGYE Medium – see Oxytetracycline Glucose Yeast Extract Medium

### ONE Broth-Listeria

for selective enrichment of *Listeria* spp. from food and environmental samples in 24 hours. This medium is the selective enrichment broth used in **Listeria Precis**

ONE Broth-Listeria Base		
500g	for 11.4 litres medium	CM1066B
2.5kg	for 57.0 litres medium	CM1066R
5kg	for 114 litres medium	CM1066T
ONE Broth-Listeria Selective Supplement		
10 vials	for 500mL medium	SR0234E
10 vials	for 2 litres medium	SR0234H
10 vials	for 2.25 litres medium	SR0234B

### ONE Broth-Salmonella

for selective enrichment of *Salmonella* spp. from food samples in 18 hours when used in **Salmonella Precis**; not recommended for enrichment in other methods

ONE Broth-Salmonella Base		
500g	for 20.0 litres medium	CM1091B
5kg	for 200 litres medium	CM1091T
ONE Broth-Salmonella Selective Supplement		
10 vials	for 225mL medium	SR0242E
10 vials	for 2.25 litres medium	SR0242B

### OPSP Agar

for the enumeration of *Clostridium perfringens* in foods

Perfringens Agar Base (OPSP)		
500g	for 11.0 litres medium	CM0543B
2.5kg	for 55.0 litres medium	CM0543R
Perfringens (OPSP) Supplement A		
10 vials	for 500mL medium	SR0076E
Perfringens (OPSP) Supplement B		
10 vials	for 500mL medium	SR0077E

### Orange Serum Agar

for the isolation and enumeration of spoilage organisms in citrus products

500g	for 13.5 litres medium	CM0657B
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ORSAB – see Oxacillin Resistance Screening Agar (ORSA)

### OSCM

a selective chromogenic medium for the presumptive identification of *Salmonella* spp. from clinical and food samples

Salmonella Chromogenic Agar Base		
500g	for 10.0 litres medium	CM1007B
Salmonella Selective Supplement		
10 vials	for 500mL medium	SR0194E

### Oxacillin Resistance Screening Agar (ORSA)

a medium for screening clinical samples for the presence of oxacillin-resistant staphylococci

Oxacillin Resistance Screening Agar Base		
500g	for 4.8 litres medium	CM1008B
ORSAB Selective Supplement		
10 vials	for 500mL medium	SR0195E

Oxford Listeria Agar – see Listeria Selective Agar (Oxford)

### Oxytetracycline Glucose Yeast Extract Selective Medium (OGYE)

a medium for the selective enumeration of yeasts and moulds

Oxytetracycline Glucose Yeast Extract Agar Base		
500g	for 13.5 litres medium	CM0545B
2.5kg	for 67.5 litres medium	CM0545R
OGYE Selective Supplement		
10 vials	for 500mL medium	SR0073A

### PALCAM Agar

a selective and diagnostic medium for the detection of *Listeria* spp.

PALCAM Agar Base		
500g	for 7.2 litres medium	CM0877B
2.5kg	for 36.0 litres medium	CM0877R
PALCAM Selective Supplement		
10 vials	for 500mL medium	SR0150E
10 vials	for 2.5 litres medium	SR0150B

Peptone Salt Broth – see Maximum Recovery Diluent

Peptone Water (Alkaline) – see Alkaline Peptone Water

### Peptone Water (Andrade)

a nutrient base containing Andrade's indicator to which carbohydrates and other diagnostic reagents may be added for use in fermentation studies

500g	for 33.3 litres medium	CM0061B
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### Peptone Water

a basal medium to which carbohydrates and an indicator may be added for fermentation studies

500g	for 33.3 litres medium	CM0009B
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PEMBA – see Bacillus cereus Selective Agar

Perfringens (OPSP) Agar – see OPSP Agar

Perfringens TSC Agar – see Tryptose Sulphite Cycloserine Agar

Perfringens SFP Agar – see Shahadi Ferguson Agar

Phosphatidylinositol Supplement – see Chromogenic Listeria Differential Supplement (ISO)

### Plate Count Agar

500g	for 28.6 litres medium	CM0325B
2.5kg	for 143.0 litres medium	CM0325R
5kg	for 286 litres medium	CM0325T

Plate Count Agar APHA – see Standard Plate Count Agar

Plate Count Agar with antibiotic free skimmed milk – see Milk Plate Count Agar

Plate Count Agar (Water) – see Water Plate Count Agar

### Polymyxin B Supplement

10 vials	50,000 IU/vial	SR0099E
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### Potato Dextrose Agar

acid pH medium for the isolation of dermatophytes and other moulds and yeasts. Also, used during the preparation of *Aspergillus niger* for use in the Harmonized Microbial Limits Tests, according to EP/USP/JP.

500g	for 12.8 litres medium	CM0139B
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### \* Preston Selective Agar

for the isolation of *Campylobacter jejuni* and *Campylobacter coli* from human, animal, avian and environmental specimens, this medium can be supplemented with *Campylobacter Growth Supplement*

Campylobacter Agar Base		
500g	for 13.5 litres medium	CM0689B
Modified Preston Campylobacter Selective Supplement alternative supplement containing amphotericin B as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0204E
Campylobacter Growth Supplement		
10 vials	for 500mL medium	SR0232E

### Preston Selective Broth

for the recovery of *Campylobacter jejuni* and *Campylobacter coli*, this medium can be supplemented with *Campylobacter Growth Supplement*

Nutrient Broth No. 2		
500g	for 20.0 litres medium	CM0067B
Preston Campylobacter Selective Supplement		
10 vials	for 500mL medium	SR0117E
OR		
Modified Preston Campylobacter Selective Supplement alternative supplement containing amphotericin B as a replacement for cycloheximide		
10 vials	for 500mL medium	SR0204E
Campylobacter Growth Supplement		
10 vials	for 500mL medium	SR0232E

### Pseudomonas CFC Agar

a selective medium for the isolation of *Pseudomonas* spp.

Pseudomonas Agar Base		
500g	for 10.3 litres medium	CM0559B
2.5kg	for 51.5 litres medium	CM0559R
Pseudomonas CFC Supplement		
10 vials	for 500mL medium	SR0103E

### Pseudomonas CN Agar

a selective medium for the isolation of *Pseudomonas aeruginosa*

Pseudomonas Agar Base		
500g	for 10.3 litres medium	CM0559B
2.5kg	for 51.5 litres medium	CM0559R
Pseudomonas CN Supplement		
10 vials	for 500mL medium	SR0102E

*Pseudomonas cepacia* Medium – see *Burkholderia cepacia* Medium

### Pseudomonas Cetrinide Agar Base

a medium for the selective isolation and identification of *Pseudomonas aeruginosa* from a range of samples. This formulation is recommended in USP, EP, and AOAC methods.

500g	for 11.0 litres medium	CM0579B
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### R2A Agar

a medium for the enumeration of heterotrophic bacteria from water samples

500g	for 27.6 litres medium	CM0906B
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### Raka-Ray Medium

a medium for the isolation of lactic acid bacteria in beer and brewing processes. Requires supplementation with phenylethanol, sorbitan mono-oleate and cycloheximide.

Raka-Ray Agar Base		
500g	for 6.5 litres medium	CM0777B

### Rappaport-Vassiliadis (RV) Enrichment Broth

a selective enrichment broth for the isolation of salmonellae. **N.B.** maximum shelf life of 12 months

500g	for 16.7 litres medium	CM0669B
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Rappaport Vassiliadis Soya Enrichment Broth MLT (EP/USP/JP/BP) - see RVS Enrichment Broth MLT (EP/USP/JP/BP)

### Rappaport-Vassiliadis Soya (RVS) Peptone Broth

a buffered, selective enrichment broth for the isolation of salmonellae. **N.B.** maximum shelf life of 12 months

500g	for 18.7 litres medium	CM0866B
2.5kg	for 93.5 litres medium	CM0866R

### Reinforced Clostridial Agar

for the cultivation and enumeration of clostridia and other anaerobes

500g	for 9.5 litres medium	CM0151B
2.5kg	for 47.5 litres medium	CM0151R

### Reinforced Clostridial Medium MLT (EP/USP/JP/BP)

a medium intended for use in qualitative procedures for cultivation of clostridia and other anaerobic organisms

500g	for 13.1 litres medium	R455402
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### Reinforced Clostridial Medium (RCM)

use this semisolid medium for the enumeration of clostridia and other anaerobes

500g	for 13.2 litres medium	CM0149B
5kg	for 132 litres medium	CM0149T

### Rogosa Agar

for the selective isolation and enumeration of lactobacilli

500g	for 6.1 litres medium	CM0627B
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Rothe Broth – see Azide Dextrose Broth

### Rose-Bengal Chloramphenicol Selective Medium

a medium for the selective enumeration of moulds and yeasts from food

Rose-Bengal Chloramphenicol Agar Base		
500g	for 15.6 litres medium	CM0549B
2.5kg	for 78.0 litres medium	CM0549R
5kg	for 156 litres medium	CM0549T
Chloramphenicol Supplement		
10 vials	for 500mL medium	SR0078E
10 vials	for 2.0 litres medium	SR0078H

RPF – see Baird Parker RPF

RV – see Rappaport-Vassiliadis Enrichment Broth

RVS – see Rappaport-Vassiliadis Soya Peptone Broth

### RVS Enrichment Broth MLT (EP/USP/JP/BP)

a liquid medium recommended for use in qualitative procedures for selective enrichment and isolation of *Salmonella* spp.

500g	for 18.4 litres medium	R455432
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Ryan's Agar – see *Aeromonas* Medium

### Sabouraud Dextrose Agar

acid pH medium for the isolation of dermatophytes and other moulds and yeasts. This can be made selective using chloramphenicol.

500g	for 7.7 litres medium	CM0041B
2.5kg	for 38.5 litres medium	CM0041R
5kg	for 77.0 litres medium	CM0041T

### Sabouraud Dextrose Liquid Medium

#### (Sabouraud Dextrose Broth) EP/USP/JP

a liquid medium recommended for testing sterile and nonsterile products and for the determination of fungistatic activity in pharmaceutical products

500g	for 16.7 litres medium	CM0147B
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### Sabouraud Maltose Agar

for use where maltose is the preferred carbohydrate source, it may be made selective by the addition of chloramphenicol

500g	for 7.7 litres medium	CM0541B
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*Salmonella* Chromogenic Medium - see OSCM

*Salmonella* Chromogenic Medium II - see *Brilliance*

*Salmonella* Agar

*Salmonella* Novel Enrichment Broth – see ONE

Broth-*Salmonella*

## Salmonella Precis Method

a rapid culture method for the enrichment, isolation and identification of *Salmonella* spp. in just 2 days. Validated by AFNOR to ISO 16140 for all food, animal feed and environmental samples; use *Salmonella* Latex (DR1108A) for rapid confirmation.

### ONE Broth-Salmonella

an 18 hour selective enrichment broth for *Salmonella* spp., only for use with the *Salmonella* Precis Method

ONE Broth-Salmonella Base		
500g	for 20.0 litres medium	CM1091B
5kg	for 200 litres medium	CM1091T
ONE Broth-Salmonella Selective Supplement		
10 vials	for 225mL medium	SR0242E
10 vials	for 2.25 litres medium	SR0242B

### Brilliance Salmonella Agar

a novel chromogenic medium incorporating Inhibigen technology, for the presumptive identification of *Salmonella* spp. from food and clinical samples

Brilliance Salmonella Agar Base		
500g	for 9.3 litres medium	CM1092B
5kg	for 93 litres medium	CM1092T
Salmonella Selective Supplement		
10 vials	for 500mL medium	SR0194E

*Salmonella*/*Shigella* Agar – see SS Agar

*Salmonella*/*Shigella* Modified – see SS Agar Modified

### Salt Meat Broth Tablets

an enrichment medium for the isolation of staphylococci from grossly contaminated specimens

100 tabs	each tab for 5mL	CM0094C
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### Schaedler Anaerobe Agar

a thioglycollate-free medium for the growth of aerobic and anaerobic organisms

500g	for 12.5 litres medium	CM0437B
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### Schaedler Anaerobe Broth

a thioglycollate-free broth for the general growth of anaerobes, for use in blood culture and antibiotic MIC studies

500g	for 18.9 litres medium	CM0497B
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Schiemann's CIN Agar – see *Yersinia* Selective (CIN) Agar

### Selenite Broth (10mL)

a ready-to-use broth for the isolation of salmonellae from faeces and food products

24x10mL		LR0039A
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Selenite Broth with Mannitol – see Mannitol Selenite Broth

### Selenite Cystine Broth

a selective enrichment medium for the isolation of specimens undergoing examination for salmonellae

Selenite Cystine Broth Base		
500g	for 26.3 litres medium	CM0699B
Sodium Biselenite		
100g	for 25.0 litres medium	LP0121A

### Selenite F Broth

for the selective enrichment of salmonellae from faeces and food products

Selenite Broth Base (Lactose)		
500g	for 26.3 litres medium	CM0395B
Sodium Biselenite		
100g	for 25.0 litres medium	LP0121A

### Sensitest Agar

for antimicrobial susceptibility testing

500g	for 15.6 litres medium	CM0409B
2.5kg	for 78.0 litres medium	CM0409R

### Shahadi Ferguson Agar

a selective medium for the presumptive identification and enumeration of *Clostridium perfringens*

Perfringens Agar Base (TSC/SFP)		
500g	for 10.9 litres medium	CM0587B
Perfringens (SFP) Supplement		
10 vials	for 500mL medium	SR0093E
Egg Yolk Emulsion		
100mL		SR0047C

### \* Sheep Blood Agar Base

formulated to give improved haemolytic reactions with sheep blood

500g	for 12.5 litres medium	CM0854B
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### SIM Medium

a motility-indole medium for the differentiation of the Enterobacteriaceae

500g	for 16.7 litres medium	CM0435B
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### Simmons Citrate Agar

for the differentiation of the Enterobacteriaceae

500g	for 21.7 litres medium	CM0155B
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### \* Skirrow Selective Medium

a selective medium for the isolation of *Campylobacter* spp. at 42°C, this medium can be used with the Campylobacter Growth Supplement

#### Campylobacter Selective Supplement (Skirrow)

10 vials	for 500mL medium	SR0069E
10 vials	for 2.0 litres medium	SR0069H

#### Blood Agar Base No. 2

500g	for 12.5 litres medium	CM0271B
OR		

#### Columbia Blood Agar Base

500g	for 12.8 litres medium	CM0331B
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#### Campylobacter Growth Supplement

10 vials	for 500mL medium	SR0232E
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### Slanetz and Bartley Medium (Enterococcus Agar)

for the detection and enumeration of faecal enterococci

500g	for 11.9 litres medium	CM0377B
2.5kg	for 59.5 litres medium	CM0377R

### Sorbitol MacConkey Agar

a selective differential medium for detection of *E. coli* O157. This medium can be made more selective by the addition of C-T Supplement – see Cefixime Tellurite Sorbitol MacConkey Agar

500g	for 9.7 litres medium	CM0813B
2.5kg	for 48.5 litres medium	CM0813R

### Sorbitol MacConkey Agar with BCIG

selective and differential medium for the detection of *Escherichia coli* O157, incorporating BCIG which can be used with C-T Supplement

500g	for 9.7 litres medium	CM0981B
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#### C-T Supplement store below 0°C

10 vials	for 500mL medium	SR0172E
10 vials	for 2.0 litres medium	SR0172H

Sorbitol MacConkey Agar with Cefixime and Rhamnose – see Cefixime Rhamnose Sorbitol MacConkey Agar

Soybean Casein Digest Agar – see Tryptone Soya Agar

Soybean Casein Digest Medium – see Tryptone Soya Broth

### SS Agar

for the isolation of salmonellae and shigellae

500g	for 7.9 litres medium	CM0099B
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### SS Agar Modified

for the isolation of salmonellae and shigellae

500g	for 8.8 litres medium	CM0533B
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### STAA Agar

medium for the isolation of *Brochothrix thermosphacta* from food samples

#### STAA Agar Base

500g	for 13.5 litres medium	CM0881B
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#### STAA Selective Supplement with actidione

10 vials	for 500mL medium	SR0151E
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### STA Agar

medium for the isolation of *Brochothrix thermosphacta* from food samples

#### STAA Agar Base

500g	for 13.5 litres medium	CM0881B
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#### STA Selective Supplement without actidione

10 vials	for 500mL medium	SR0162E
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### Standard Plate Count Agar APHA

a standard medium complying with the APHA formulation for use in testing milk, water, food and dairy products

500g	for 21.3 litres medium	CM0463B
5kg	for 213 litres medium	CM0463T

### Staphylococcus Medium No. 110

a selective medium for the isolation and differentiation of pathogenic staphylococci

500g	for 3.3 litres medium	CM0145B
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Staph/Strep Selective Medium - see CNA Staph/Strep Selective Agar

Streptococcus Selective Agar - see COBA Selective Medium

### Stuart Transport (Modified) Medium

a semisolid, non-nutritional transport medium

500g	for 31.3 litres medium	CM0111B
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### TBX Agar

Tryptone Bile Agar with X-Glucuronide, a chromogenic medium for the detection of *E. coli*

500g	for 13.7 litres medium	CM0945B
2.5kg	for 68.5 litres medium	CM0945R
5kg	for 137 litres medium	CM0945T

TCBS Cholera Medium – see Cholera Medium TCBS

### Tergitol-7 Agar

for the enumeration and identification of coliform bacteria

#### Tergitol-7 Agar Base

500g	for 9.2 litres medium	CM0793B
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#### TTC Solution (0.125%)

10x2mL	for 100mL medium	SR0148A
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#### TTC Solution (5%)

100mL		SR0211C
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### Tetrathionate Broth Base

for the selective enrichment of salmonellae

500g	for 6.5 litres medium	CM0029B
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### Tetrathionate Broth Base (USA)

an American formulation for the selective enrichment of specimens undergoing examination for salmonellae

500g	for 10.9 litres medium	CM0671B
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Tetrathionate (Muller-Kauffmann) – see Muller-Kauffmann Tetrathionate Broth Base

### ★ Thayer Martin Media

for the isolation of *Neisseria gonorrhoeae*. Different combinations of growth and selective supplements give media with alternative growth and inhibitory properties; for more information visit [www.thermoscientific.com/microbiology](http://www.thermoscientific.com/microbiology).

GC Agar Base		
500g	for 13.9 litres medium	CM0367B
2.5kg	for 69.5 litres medium	CM0367R
5 kg	for 139 litres medium	CM0367T
Haemoglobin Powder Soluble		
500g	for 50.0 litres medium	LP0053B
Vitox plus diluent		
2x5 vials	for 500mL medium	SR0090A
2x5 vials	for 2.0 litres medium	SR0090H
VGN Selective Supplement		
10 vials	for 500mL medium	SR0101E
VCNT Selective Supplement		
10 vials	for 500mL medium	SR0091E
10 vials	for 2.0 litres medium	SR0091H

### Thioglycollate Broth, alternative

a non-viscous thioglycollate medium for the culture of turbid biological products

500g	for 17.2 litres medium	CM0391B
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### Thioglycollate Medium

500g	for 16.9 litres medium	CM0173B
5kg	for 169.0 litres medium	CM0173T

### Thioglycollate Medium (Brewer)

500g	for 25.0 litres medium	CM0023B
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### Tinsdale Medium

a medium for the isolation and identification of *Corynebacterium diphtheria*

Tinsdale Agar Base		
500g	for 11.1 litres medium	CM0487B
Tinsdale Supplement		
10 vials	for 200mL medium	SR0065A

### Todd-Hewitt Broth

for the cultivation of streptococci prior to serological grouping

500g	for 13.7 litres medium	CM0189B
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### Tomato Juice Agar

for the cultivation of lactobacilli

500g	for 9.6 litres medium	CM0113B
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### Tributyryn Agar

100mL		PM0004C
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### Trichomonas Medium

a medium for the cultivation of *Trichomonas vaginalis*

Trichomonas Medium Base		
500g	for 13.3 litres medium	CM0161B
Horse Serum		
100mL		SR0035C

### Triple Sugar Iron Agar

a composite medium for the differentiation of the Enterobacteriaceae

500g	for 7.7 litres medium	CM0277B
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### Tryptone Bile Agar

for the detection and enumeration of *E. coli* biotype 1 in foods

500g	for 13.7 litres medium	CM0595B
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Tryptone Bile X-Glucuronide Medium – see TBX Agar

### Tryptone Glucose Extract Agar

a USA standard methods medium for the examination of dairy products

500g	for 20.8 litres medium	CM0127B
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### Tryptone Soya Agar (Soybean Casein Digest Agar)

a general purpose medium for the growth of a wide variety of organisms; complies with formula specified in EP/USP/JP/BP

500g	for 12.5 litres medium	CM0131B
2.5kg	for 62.5 litres medium	CM0131R
5kg	for 125.0 litres medium	CM0131T

### Tryptone Soya Broth (Soybean Casein Digest Medium)

recommended for general laboratory use and sterility testing; complies with formula specified in EP/USP/JP/BP

500g	for 16.7 litres medium	CM0129B
2.5kg	for 83.3 litres medium	CM0129R
5kg	for 167.0 litres medium	CM0129T

Tryptone Soya Broth (Cold Filterable) – see Cold Filterable Tryptone Soya Broth

### Tryptone Soya Broth Modified (mTSB)

a broth for *E. coli* O157, the selectivity of which can be increased by using supplements as appropriate

Modified Tryptone Soya Broth (mTSB) Base		
500g	for 15.2 litres medium	CM0989B
Novobiocin Supplement		
10 vials	for 500mL medium	SR0181E

TSC Agar – see Tryptose Sulphite Cycloserine Agar

### Tryptone Water

for the detection of indole production

500g	for 33.3 litres medium	CM0087B
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### ★ Tryptose Blood Agar Base

a nutritious medium specially formulated for use as a blood agar for the growth of fastidious organisms

500g	for 16.7 litres medium	CM0233B
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### Tryptose Phosphate Broth

for the cultivation of fastidious bacteria and as an adjuvant to tissue culture media

500g	for 16.9 litres medium	CM0283B
5kg	for 169.0 litres medium	CM0283T

### Tryptose Sulphite Cycloserine (TSC) Agar

a selective medium for the presumptive identification and enumeration of *Clostridium perfringens*

Perfringens Agar Base (TSC/SFP)		
500g	for 10.9 litres medium	CM0587B
Perfringens (TSC) Supplement		
10 vials	for 500mL medium	SR0088E
Egg Yolk Emulsion		
100mL		SR0047C

### Universal Beer Agar

for the isolation of beer spoilage organisms; can be supplemented with cycloheximide

Universal Beer Agar		
500g	for 8.1 litres medium	CM0651B
Cycloheximide 0.1% Solution		
100mL		SR0222C

### Urea Agar

for the detection of urease production

Urea Agar Base (Christensen Agar Base)		
500g	for 20.8 litres medium	CM0053B
Urea 40% Solution		
10x5mL	for 100mL medium	SR0020K

### Urea Broth

for the detection of urease production

Urea Broth Base (Christensen Broth Base)		
500g	for 55.6 litres medium	CM0071B
Urea 40% Solution		
10x5mL	for 100mL medium	SR0020K

UVM Broths – see Listeria Selective Enrichment Media (UVM Formulations)

### Vancomycin Supplement

10 vials	3mg/vial	SR0186E
10 vials	5mg/vial	SR0247E

### Violet Red Bile (Lactose) Agar

for the presumptive enumeration of coliforms in foods

500g	for 13.0 litres medium	CM0107B
2.5kg	for 65.0 litres medium	CM0107R
5kg	for 130.0 litres medium	CM0107T

### Violet Red Bile (Lactose) Agar (ISO)

for the presumptive enumeration of coliforms in foods; meeting the ISO recovery specification

500g	for 13.0 litres medium	CM0968B
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### Violet Red Bile Agar (VRBA) with MUG

allows presumptive identification of *E. coli*

500g	for 13.0 litres medium	CM0978B
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### Violet Red Bile Glucose Agar

for the presumptive enumeration of Enterobacteriaceae

500g	for 13.0 litres medium	CM0485B
2.5kg	for 65.0 litres medium	CM0485R
5kg	for 130.0 litres medium	CM0485T

### Violet Red Bile Glucose Agar (EP/USP/JP/BP)

a solid medium recommended for use in quantitative and qualitative procedures for selective and differential isolation of bile-tolerant, Gram-negative bacteria

500g	for 11.7 litres medium	R455302
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### Violet Red Bile Glucose Agar (ISO)

for the presumptive enumeration of Enterobacteriaceae in foods; meeting the ISO recovery specification

500g	for 13.0 litres medium	CM1082B
2.5kg	for 65 litres medium	CM1082R

### Vogel-Johnson Agar

a USP formulation for the detection of *Staphylococcus aureus*

500g	for 8.2 litres medium	CM0641B
Potassium Tellurite 3.5%		
10x2mL		SR0030J

VRBA – see Violet Red Bile (Lactose) Agar

VRBA (ISO) – see Violet Red Bile (Lactose) Agar (ISO)

VRBGA – see Violet Red Bile Glucose Agar

VRBGA (ISO) – see Violet Red Bile Glucose Agar (ISO)

### VRE Media

selective media for the isolation of vancomycin-resistant enterococci (VRE) and high-level aminoglycoside-resistant enterococci (HLARE) from clinical samples; for more information visit [www.thermoscientific.com/microbiology](http://www.thermoscientific.com/microbiology).

VRE Agar Base		
500g	for 11.7 litres medium	CM0985B
Meropenem Supplement		
10 vials	for 500mL medium	SR0184E
Gentamicin Supplement		
10 vials	for 500mL medium	SR0185E
Vancomycin Supplement		
10 vials	for 500mL medium	SR0186E

Brilliance VRE Agar – see page Chromogenic Media

Wadowsky Yee Medium – see MWY Medium

### Water Plate Count Agar (ISO)

a medium for the enumeration of culturable microorganisms from water

500g	for 20.8 litres medium	CM1012B
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### ★ Wilkins-Chalgren Anaerobe Agar

for the growth of anaerobes, and recommended for antimicrobial susceptibility testing of anaerobes; can be made more selective with the addition of Neomycin Supplement, N-S Anaerobe Supplement or G-N Anaerobe Supplement

Wilkins-Chalgren Anaerobe Agar		
500g	for 11.6 litres medium	CM0619B
Neomycin Supplement 150mg/vial		
10 vials	for 2.0 litres medium	SR0163H
N-S Anaerobe Selective Supplement for the selective isolation of nonsporng anaerobes		
10 vials	for 500mL medium	SR0107B

### Wilkins-Chalgren Anaerobe Broth

for the growth of anaerobes, and recommended for antimicrobial susceptibility testing of anaerobes

500g	for 15.2 litres medium	CM0643B
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Wilson and Blair – see Bismuth Sulphite Agar

### WL Nutrient Agar

for the determination of the microbiological flora in brewing and fermentation processes; can be supplemented with cycloheximide

500g	for 6.7 litres medium	CM0309B
<b>Cycloheximide 0.1% Solution</b>		
100mL		SR0222C

### WL Nutrient Broth

for the determination of the microbiological flora in brewing and fermentation processes; can be supplemented with cycloheximide

500g	for 8.3 litres medium	CM0501B
<b>Cycloheximide 0.1% Solution</b>		
100mL		SR0222C

### Wort Agar

for the cultivation and enumeration of yeasts

500g	for 10.0 litres medium	CM0247B
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### XLD Agar (EP/USP/JP/BP)

a solid medium recommended for use in qualitative procedures for selective and differential isolation of enteric pathogens

500g	for 9.0 litres medium	R459902
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### XLD Medium

a selective medium for the isolation of salmonellae and shigellae

500g	for 9.4 litres medium	CM0469B
2.5kg	for 47.0 litres medium	CM0469R
5kg	for 94 litres medium	CM0469T

### XLT-4 Agar

a highly selective medium for the isolation of salmonellae and shigellae from clinical, environmental and food samples, according to Miller and Tate

<b>XLT-4 Agar Base</b>		
500g	for 8.5 litres medium	CM1061B
<b>XLT-4 Selective Supplement</b>		
100mL	for 21.7 litres medium	SR0237C

Yeast Autolysate – see Liquid Yeast Autolysate

### Yeast and Mould Agar

for the isolation and maintenance of yeasts and moulds

500g	for 12.2 litres medium	CM0920B
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### Yeast Extract Agar

a plate count agar for microorganisms in water

500g	for 21.7 litres medium	CM0019B
2.5kg	for 108.5 litres medium	CM0019R
5kg	for 217 litres medium	CM0019T

### Yersinia Selective Medium (CIN) Agar

for the isolation and enumeration of *Yersinia enterocolitica* from clinical specimens and foods

<b>Yersinia Selective (CIN) Agar Base</b>		
500g	for 8.6 litres medium	CM0653B
<b>Yersinia Selective Supplement</b>		
10 vials	for 500mL medium	SR0109E

For a wide range of bagged media formats in a variety of sizes, please see pages 54 - 55.

## Supplementary Reagents

Supplementary Reagent products should be stored at 2–8°C unless otherwise stated on the packaging.

### Broad Spectrum Beta-Lactamase Mixture

a mixture of beta-lactamase enzymes from *Bacillus cereus*, for the inactivation of beta-lactam antibiotic preparations present in specimens

10 vials		SR0113E
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### Egg Yolk Emulsion

a stabilized emulsion of egg yolk for use in culture media

100mL		SR0047C
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### Egg Yolk Tellurite Emulsion

an emulsion of egg yolk containing potassium tellurite for use in Baird-Parker Egg Yolk Media

100mL		SR0054C
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### Horse Serum

an extract of horse blood for addition to culture media

100mL		SR0035C
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### Lactic Acid (10%)

10x1mL		SR0021H
10x5mL		SR0021K

### Laked Horse Blood

haemolysed blood for addition to culture media

100mL		SR0048C
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### Nitrocefin

for the rapid, chromogenic detection of beta-lactamase activity; contains nitrocefin, with rehydrating fluid

2x5 vials		SR0112C
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### Penase

a lactamase enzyme from *Bacillus cereus* for the inactivation of a range of penicillins. Store at –20°C.

1 vial		SR0129B
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### Potassium Lactate

10x1mL		SR0037H
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### Potassium Tellurite 3.5%

10x2mL		SR0030J
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### RPF Supplement

only to be used with Baird-Parker Agar Base (RPF) (CM0961). Store below 0°C.

10 vials		SR0122A
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**Sputasol**

a liquifying agent for sputum samples

10 vials		SR0233A
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**TTC Solution (0.125%)**

for addition to Tergitol-7 Agar

10x2mL		SR0148A
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**TTC Solution (1%)**

for addition to K-F Streptococcus Agar

10x5mL		SR0229K
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**TTC Solution (5%)**

for addition to Tergitol-7 Agar or K-F Streptococcus Agar

100mL		SR0211C
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**Urea 40% Solution**

a solution for addition to culture media

10x5mL		SR0020K
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**Antibiotic Single Supplements**

Antibiotic Single Supplements should be stored at 2–8°C unless otherwise stated on the packaging.

**Ampicillin Supplement**

10 vials	2.5mg/vial	SR0136E
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**Cefixime Supplement**

10 vials	0.025mg/vial	SR0191E
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**Cephalexin (Bordetella Selective) Supplement**

10 vials	20mg/vial	SR0082E
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**Chloramphenicol Supplement**

10 vials	50mg/vial	SR0078E
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10 vials	200mg/vial	SR0078H
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**Cycloheximide Solution**

100mL	0.1% solution	SR0222C
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**D-Cycloserine (Perfringens TSC) Supplement**

10 vials	200mg/vial	SR0088E
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**Gentamicin Supplement**

10 vials	250mg/vial	SR0185E
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**Kanamycin Sulphate Supplement**

10 vials	10mg/vial	SR0092E
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**Meropenem Supplement**

10 vials	1mg/vial	SR0184E
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**Neomycin Supplement**

10 vials	150mg/vial	SR0163H
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**Nitrocefin with Rehydration Fluid**

2x5 vials	1mg/vial pair	SR0112C
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**Novobiocin Supplement**

10 vials	10mg/vial	SR0181E
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**Oxytetracycline (OGYE Selective) Supplement**

10 vials	0.05g/vial	SR0073A
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**Polymyxin B Supplement**

10 vials	50,000 IU/vial	SR0099E
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**Vancomycin Supplement**

10 vials	3mg/vial	SR0186E
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10 vials	5mg/vial	SR0247E
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**Blood Products****Horse Blood Oxalated**

100mL		SR0049C
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**Horse Blood, Defibrinated**

25mL		SR0050B
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100mL		SR0050C
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**Laked Horse Blood**

sterile haemolysed blood for addition to culture media; recommended for *Corynebacterium* media

100mL		SR0048C
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**Sheep Blood in Alsevers Solution**

25mL		SR0053B
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**Sheep Blood Defibrinated**

25mL		SR0051B
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### Thermo Scientific™ Ready Poured Plates

#### Blood Agars

<b>Blood Agar Base No. 2 with Horse Blood</b>	
10x90mm	PB0114A
<b>Blood Agar Base No. 2 with Sheep Blood</b>	
10x90mm	PB0115A
<b>Columbia Agar with Horse Blood</b>	
10x90mm	PB0122A
<b>Columbia Agar with Sheep Blood</b>	
10x90mm	PB5008A
<b>Columbia Agar with Sheep Blood PLUS</b>	
10x90mm	PB0123A*^
10x90mm	PB5039A
<b>Columbia Agar with Chocolate Horse Blood</b>	
10x90mm	PB0124A

#### General Anaerobe Agars

<b>Thermo Scientific™ A.R.I.A.™ with Horse Blood</b>		
10x90mm	PB1243A	
<b>A.R.I.A. with Horse Blood+Neomycin</b>		
10x90mm	PB1244A	
<b>Actinomyces Selective Agar</b>		
10x90mm	PB1220A	
<b>Anaerobe Blood Agar (Wilkins Chalgren) with Neomycin</b>		
10x90mm	PB0112A	
<b>Anaerobe Blood Agar (Wilkins Chalgren) with Nalidixic Acid and Tween™</b>		
10x90mm	PB0113A	
<b>Anaerobe Blood Agar with Neomycin and Aztreonam</b>		
10x90mm	PB1092A	
<b>Columbia Blood Agar with Neomycin</b>		
10x90mm	PB0219A	
<b>Schaedler Anaerobe Agar with Sheep Blood with Haemin and Vitamin K1</b>		
10x90mm	PB5034A	
<b>Schaedler Anaerobe KV Selective Agar with Lysed Horse Blood</b>		
10x90mm	PO5020A	
<b>Yeast Extract Cysteine Medium with Sheep Blood (Beerens Formulation)</b>		
10x90mm	PB5101A	
<b>Schaedler Anaerobe Agar / Schaedler Anaerobe KV Selective Agar</b>		
10x90mm	Biplate	PB5204E

#### Susceptibility Test Agars

<b>Columbia Agar Base with 2% Salt (4mm depth)</b>	
10x90mm	PO0879A
<b>Diagnostic Sensitivity Test Agar</b>	
10x90mm	PO0130A^
10x90mm	PO5068A+
<b>Diagnostic Sensitivity Test (D.S.T.) with chocolate Horse Blood</b>	
10x90mm	PB0133A
<b>Haemophilus Test Medium</b>	
10x90mm	PO0228A^
10x90mm	PO5138A+
<b>Iso-Sensitest Agar</b>	
10x90mm	PO0144A^
<b>Iso-Sensitest Agar (Deep Fill)</b>	
10x90mm	PO0779A

<b>Iso-Sensitest Agar with Chocolate Horse Blood</b>	
10x90mm	PB0147A
<b>Iso-Sensitest Agar with Horse Blood</b>	
10x90mm	PB0146A
<b>Iso-Sensitest Agar with Horse Blood and 20mg/L NAD</b>	
10x90mm	PB0378A
<b>Iso-Sensitest Agar with Lysed Horse Blood</b>	
10x90mm	PB0145A
<b>Iso-Sensitest Agar with Sheep Blood</b>	
10x90mm	PB5003A
<b>Mueller-Hinton Agar</b>	
10x90mm	PO5007A+
10x90mm	PO0152A^
10x140mm	PO1191S*
4x120mm	PO5403I
<b>Mueller-Hinton Agar with 2% Salt</b>	
10x90mm	PO0799A^
10x90mm	PO5139A+
<b>Mueller-Hinton Agar with 5% Sheep Blood</b>	
10x90mm	PB0431A^
10x90mm	PB5007A+
<b>Mueller-Hinton Agar with Horse Blood</b>	
10x90mm	PB1229A^
10x90mm	PB5303A+

#### Thermo Scientific™ Brilliance™ and other Chromogenic Media

<b>Brilliance Candida Agar</b>		
10x90mm		PO1034A^
10x90mm		PO5170A+
<b>Brilliance Candida Agar / Sabouraud Dextrose Agar</b>		
10x90mm	Biplate	PO5258E
<b>Brilliance CampyCount Agar</b>		
10x90mm		PO1185A^
<b>Brilliance CRE Agar</b>		
10x90mm		PO1226A
<b>Brilliance E. coli/coliform Agar</b>		
10x90mm		PO5176A*
<b>Brilliance ESBL Agar</b>		
10x90mm		PO5302A
<b>Brilliance ESBL/Brilliance CRE</b>		
10x90mm	Biplate	PO1265E
<b>Brilliance GBS Agar</b>		
10x90mm		PO5320A
<b>Brilliance GBS Agar/ Columbia CNA Agar</b>		
10x90mm	Biplate	PB5260E
<b>Brilliance Listeria Agar</b>		
10x90mm		PO1102A^
10x90mm		PO5165A+
<b>Brilliance MRSA 2 Agar</b>		
10x90mm		PO1210A^
10x90mm		PO5310A+
<b>Brilliance MRSA 2/Brilliance Staph24 Agar</b>		
10x90mm	Biplate	PO1258E
<b>Brilliance MRSA 2 Agar/Columbia Agar with Sheep Blood PLUS</b>		
10x90mm	Biplate	PB5253E
<b>Brilliance MRSA 2 Agar/Columbia CAP Agar with Sheep Blood</b>		
10x90mm	Biplate	PB5264E

<b>Brilliance Salmonella Agar</b>		
10x90mm		PO5098A
<b>Brilliance Staph 24 Agar</b>		
10x90mm		PO1186A <sup>^</sup>
<b>Brilliance Staph 24 Agar/ Columbia CAP Agar with Sheep Blood</b>		
10x90mm		PB5266E
<b>Brilliance UTI Agar</b>		
10x90mm		PO0794A <sup>^</sup>
10x90mm		PO5120A+
<b>Brilliance UTI Clarity Agar</b>		
10x90mm		PO1110A <sup>^</sup>
10x90mm		PO5159A+
<b>Brilliance VRE Agar</b>		
10x90mm		PO1175A
<b>MLGA</b>		
10x90mm		PO1016A
<b>Oxoid Chromogenic Listeria Agar (ISO) – OCLA (ISO)</b>		
10x90mm		PO5183A
10x90mm		PO1196A
<b>Chromogenic Coliform Agar</b>		
10x90mm		PO5318A
10x55mm		PO5428J
<b>Oxoid Salmonella Chromogenic Medium (OSCM)</b>		
10x90mm		PO0958A
<b>TBX Agar</b>		
10x90mm		PO0727A <sup>^</sup>
10x90mm		PO5109A+

## Biplates

<b>Blood Agar with sheep blood/MacConkey Agar with Salt</b>		
10x90mm	Biplate	PB1296E
<b>Brilliance Candida Agar/Sabouraud GC Selective Agar</b>		
10x90mm	Biplate	PO5258E
<b>Brilliance ESBL/Brilliance CRE Agar</b>		
10x90mm	Biplate	PO1265E
<b>Brilliance GBS/ Columbia CNA Agar</b>		
10x90mm	Biplate	PB5260E
<b>Brilliance MRSA 2 Agar/Brilliance Staph 24</b>		
10x90mm	Biplate	PO1258E
<b>Brilliance MRSA 2 Agar/Columbia-Agar with sheep blood</b>		
10x90mm	Biplate	PB5253E
<b>Brilliance MRSA 2 Agar/Columbia CAP Agar with sheep blood</b>		
10x90mm	Biplate	PB5264E
<b>Brilliance Staph24 Agar/Columbia CAP Agar with sheep blood</b>		
10x90mm	Biplate	PB5266E
<b>Karmali Selective Medium/Karmali Selective Medium</b>		
10x90mm	Biplate	PO5219E
<b>Karmali Selective Medium/Karmali Selective Medium MacConkey-Nährboden Nr. 3</b>		
10x90mm	Biplate	PO5217E
<b>C.L.E.D. Medium/MacConkey Agar No. 3</b>		
10x90mm	Biplate	PB5200E
<b>Columbia Agar with Blood/MacConkey Agar No. 3</b>		
10x90mm	Biplate	PB5207E

<b>Columbia Agar with Blood/Chocolate Agar</b>		
10x90mm	Biplate	PB5202E
<b>Columbia CAP Agar with Blood/Sabouraud Dextrose Agar</b>		
10x90mm	Biplate	PB1297E
<b>Columbia CNA Aesculin Selective Agar/Brilliance UTI</b>		
10x90mm	Biplate	PB5220E
<b>Columbia CNA Aesculin Selective Agar/MacConkey Agar No. 3, mod.</b>		
10x90mm	Biplate	PB5224E
<b>Hektoen-Enteric-Agar/DCA-Agar (Leifson)</b>		
10x90mm	Biplate	PO5257E
<b>Salmonella-Shigella-Agar/XLD-Agar</b>		
10x90mm	Biplate	PO5210E
<b>Schaedler Anaerobe Agar/Schaedler Anaerobe KV Selective Agar</b>		
10x90mm	Biplate	PB5204E
<b>XLD-Agar/Brilliance Salmonella Agar</b>		
10x90mm	Biplate	PO5248E
<b>Yersinia Selective Agar CIN/Yersinia Selective Agar CIN</b>		
10x90mm	Biplate	PO5222E

## General Purpose Media

<b>Columbia Agar Base</b>		
10x90mm		PO0537A*
<b>Columbia Agar with Sheep Blood</b>		
(2x10) 55 mm	Contact Plate	PB5084C
<b>Columbia Agar Base with 2% Salt</b>		
10x90mm		PO0879A
<b>LB Agar with Ampicillin</b>		
10x90mm		PO5311A
<b>LB Agar with Kanamycin</b>		
10x90mm		PO5309A
<b>Nutrient Agar</b>		
10x90mm		PO0155A
<b>Plate Count Agar</b>		
10x90mm		PO0158A
<b>Plate Count Agar (APHA)</b>		
10x90mm		PO5013A
<b>R2A Agar</b>		
10x90mm		PO0659A <sup>^</sup>
10x90mm		PO5149A+
<b>Sabouraud Dextrose Agar</b>		
10x90mm		PO0160A
(2x10) 55 mm	Contact Plate	PO0192C
<b>Tryptone Soya Agar</b>		
10x90mm		PO0163A <sup>^</sup>
10x90mm		PO5012A+
(2x10) 55 mm	Contact Plate	PO0193C
<b>Tryptone Soya Agar with Sheep Blood</b>		
10x90mm		PB5012A
<b>Tryptone Soya Agar (25mL)</b>		
10x90mm	Deep Fill	PO5073A
<b>Tryptone Soya Agar with Disinhibitor</b>		
10x90mm		PO5095A
(2x10) 55 mm		PO5024C
<b>Tryptone Soya Agar with Yeast Extract (TSYE)</b>		
10x90mm		PO5050A
<b>TSA with Disinhibitor PLUS</b>		
(2x10) 55 mm	Contact Plate	PO5172C

\* Product is not a stock item, minimum order and lead times may apply.  
+ Mainland Europe ^ Only available in UK

### Urinary Tract Infection Media

Brilliance UTI Agar		
10x90mm		PO0794A^
10x90mm		PO5120A+
Brilliance UTI Clarity Agar		
10x90mm		PO1110A^
10x90mm		PO5159A+
CLED Agar		
10x90mm		PO0120A^
10x90mm		PO5009A+
CLED Agar with Andrade's		
10x90mm		PO0121A
MacConkey Agar without Salt		
10x90mm		PO0148A^
10x90mm		PO5131A+
MacConkey Agar		
10x90mm		PO0149A
10x90mm		PO5146A
MacConkey No. 2		
10x90mm		PO5110A
MacConkey No. 3		
10x90mm		PO5002A+
10x90mm		PO0495A^

### Specialist Pharmaceutical Irradiated Media (Triple Wrapped)

Sabouraud Dextrose Agar		
10x55mm	Contact Plate	PO0394D
10x90mm		PO0410B
Tryptone Soya Agar		
10x55mm	Contact Plate	PO0262D
10x90mm	Deep Fill	PO0821B^
10x90mm	Deep Fill	PO5012B+
10x90mm	VHP impermeable packaging	PO0777B
5x140mm		PO0306T
Tryptone Soya Agar with Tween™ and Lecithin		
10x55mm	Contact Plate	PO0479D
Tryptone Soya Agar (Pro-Tect)		
10x55mm	Contact Plate	PO0678D
TSA with Disinhibitor PLUS		
(2x10) 55 mm	Contact Plate	PO5171D
10x90mm		PO0746B

### NEW triple wrapped, irradiated plates. Sterile pack with VHP indicator, according to EP/USP

Tryptone Soya Agar		
(10x10) 90mm		PO5500B
(10x10) 55mm	Contact Plate	PO5510D
Tryptone Soya Agar w/Lecithin, Polysorbate 80, Sodium Thiosuphate, L-Histidine		
(10x10) 90mm		PO5501B
(10x10) 55mm	Contact Plate	PO5511D
Sabouraud Dextrose Agar		
(10x10) 90mm		PO5502B*
(10x10) 55mm	Contact Plate	PO5512D*

### Specialist Pharmaceutical Formulations

Double wrapped pink Sabouraud Dextrose Agar pH5.6 (EP, USP, JP, EP)		
10x90mm		R111805
10x55mm		R111815
Isolator (EP, USP, JP)		
10x90mm	room temperature	R111835RT
10x90mm		R111835
10x55mm	room temperature	R111825RT
10x55mm		R111825
Cetrimid-Agar EP, USP		
10x90mm		PO1168A
MacConkey Agar (EP/USP/JP/BP)		
10x90mm		PO1142A
Mannitol Salt Agar (EP/USP/JP/BP)		
10x90mm		PO1169A
Potato Dextrose Agar (EP/USP/JP/BP)		
10x90mm		PO0186A
Sabouraud Dextrose Agar pH 5.6 (EP/USP/JP/BP)		
10x90mm		PO1166A
Violet Red Bile Glucose Agar (EP/USP/JP/BP)		
10x90mm		PO1167A
XLD (EP/USP/JP/BP)		
10x90mm		PO1132A

### Water Testing Media

Chromogenic Coliform Agar		
10x90mm		PO5318A
10x55mm		PO5428J
Cetrimide Agar		
10x90mm		PO0185A^
10x90mm		PO5076A+
Enterococcus Selective Agar (BAA) Bile Aesculin Azide Agar		
10x90mm		PO5062A
Kanamycin Aesculin Azide Selective Medium		
10x90mm		PO5059A
Legionella BCYE-Agar W/O L-Cysteine		
10x90mm		PO0255A^
10x90mm		PO5028A+
Legionella BCYE $\alpha$ Medium		
10x90mm		PO5072A
Legionella GVPC Selective Medium		
10x90mm		PO0245A^
10x90mm		PO5074A+
Membrane Clostridium Perfringens (mCP) Agar		
10x90mm		PO5163A
Nutrient Agar		
10x90mm		PO0155A^
10x90mm		PO5025A+
R2A Agar		
10x90mm		PO0659A^
10x90mm		PO5149A+
Slanetz and Bartley Medium (Enterococcus Agar)		
10x90mm		PO5018A
Tergitol 7-Lactose-TTC Agar		
10x90mm		PO5164A
Tergitol 7-Lactose-TTC Medium		
(2x10) 55 mm		PO5411J
TSC Agar		
10x90mm		PO0520A
10x90mm		PO5315A



## Disposable Analytical Filters

### Single-use Nalgene Filterware

Our analytical filterware provides precise, easy-to-use systems for the recovery of microorganisms and particulates for QC testing and research.

- Disposable, easy-to-use, pre-assembled sterile filter units and funnels
- Easy-to-remove triton-free cellulose nitrate (CN) membranes
- The 0.2 µm CN membrane is suitable for sterility testing
- 0.45 µm CN gridded membrane is certified for water quality testing

### Analytical Test Filter Funnels, Sterile

Cat. No.	Upper cap., ml	Membrane dia., mm	Pore size, µm	Membrane color/grid
NG145-0020	100mL	47mm	0.2µm	White/none
NG145-0045	100mL	47mm	0.45µm	White/black
NG145-2020	250mL	47mm	0.2µm	White/none
NG145-2045	250mL	47mm	0.45µm	White/black

Cat. No.	Funnel cap., ml	Membrane dia., mm	Pore size, µm	Membrane color/grid
NG147-0045	100mL	47mm	0.45µm	Gray/black
NG147-2045	250mL	47mm	0.45µm	Gray/black

### Analytical Filter, Units, Sterile

Cat. No. 130	Pore size, µm	Membrane color/grid
NG130-4020	0.2µm	White/none
NG130-4045	0.45µm	White/black

### Analytical Filter, Funnels, Sterile

Cat. No.	Funnel cap., ml	Membrane dia., mm	Pore size, µm	Membrane color/grid
NG140-4045	150mL	47mm	0.45µm	White/black



## Filter Membranes and Accessories

### Membrane Filters, Non-sterile, Nylon

Cat. No.	Membrane dia., mm	Pore size, µm	Membrane color
NG02154020	47mm	0.2µm	White
NG02154045	47mm	0.45µm	White

### Water Quality Membrane Filter, Sterile CN

Cat. No.	Membrane dia., mm	Pore size, µm	Membrane color
NG02054045		0.45µm	white/black grid
NG02056045		0.45µm	gray/black grid

### Membrane Filters, Non-sterile, CA

Cat. No.	Membrane dia., mm	Pore size, µm	Membrane color
NG02104020	47mm	0.2µm	white
NG02104045	47mm	0.45µm	white

### Filter Forceps

Cat. No.	Style
NG03990001	Bent Tip
NG03990002	Straight Tip

### Filter Funnel Adapter, Non-sterile

Cat. No.
NG03970010

### Vacuum Gasket, Non-sterile thermoplastic elastomer

Cat. No.
NG03950708

### Filter Stopper, Non-sterile, No. 8 rubber

Cat. No.
NG03960080

### Vacuum Manifold

Cat. No.
NG03450001

### Reusable Filter Holders and Funnels

#### Nalgene Reusable Filterware

- reduces waste!

Our analytical filterware provides precise, easy-to-use systems for the recovery of microorganisms and particulates for QC testing and research.

- Replaces metal or breakable glass – major components are made of durable, transparent, autoclavable polysulfone
- Use for sterilization or analysis – filter holders come with sterilization and analytical membrane support plates
- Versatile – designed to be used with vacuum or pressure
- Graduated chambers for easy reference

#### Filter Holders with Receiver

Cat. No.	Capacity, upper chamber, ml	Capacity, receiver, ml
NG300-4000	250mL	250mL
NG300-4050	500mL	500mL
NG300-4100	500mL	1000mL

#### Filter Holders with Funnel

Cat. No.	Capacity, upper chamber, ml	Height, incl. cover ports mm
NG03104000	250mL	190mm
NG03104050	500mL	214mm

#### Reusable Bottle Top Filters

Cat. No.	Capacity, upper chamber, ml	Fits bottle neck size, mm
NG03202545	250mL	45mm
NG03205033	500mL	33mm
NG03205045	500mL	45mm

#### Filter Funnels with Clamp

Cat. No.	Capacity, ml
NG03150047	250mL



#### Aeromonas

Aeromonas Medium	
10x90mm	PO0325A*

#### Bacillus cereus

Bacillus cereus Selective Agar	
10x90mm	PO5048A
Bacillus cereus MYP Agar	
10x90mm	PO5133A

#### Bordetella

Bordetella Selective Medium	
10x90mm	PB5065A

#### Burkholderia

Burkholderia cepacia Agar	
10x90mm	PO0938A

#### Candida

Brilliance Candida Agar	
10x90mm	PO1034A^
10x90mm	PO5170A+
Brilliance Candida Agar/Sabouraud GC Agar	
10x90mm	Biplate PO5258E
Columbia CAP Agar/Sabouraud Dextrose Agar	
10x90mm	Biplate PB1297E
Sabouraud-Dextrose Agar	
10x90mm	PO5001A+
10x90mm	PO0160A^
10x55mm	Contact Plates PO0192C
10x90mm	TWI PO0410B
Sabouraud Dextrose Agar with Chloramphenicol (Deep fill)	
10x90mm	PO0358A
Sabouraud Dextrose Agar with Chloramphenicol and Actidione	
10x90mm	PO0162A
Sabouraud-Dextrose Agar with Disinhibitor	
10x90mm	PO5103A
Sabouraud-Dextrose Agar with Chloram. & Gentamicin	
10x90mm	PO5096A
Sabouraud-Dextrose Agar with Chloramphenicol	
10x90mm	PO5070A+
10x90mm	PO0161A^
10x55mm	Contact Plates PO5094C

#### Campylobacter

Brilliance CampyCount Agar	
10x90mm	PO1185A
Campylobacter CAT Agar	
10x90mm	PO0839A
Campylobacter Selective Agar (Skirrow)	
10x90mm	PB0118A
Campylobacter Selective Agar (Butzler)	
10x90mm	PB5006A
Campylobacter Selective Blood Free Agar (CCDA)	
10x90mm	PO0119A^
10x90mm	PO5091A+
Karmali Selective Medium	
10x90mm	PO5041A

<b>Skirrow Selective Medium</b>		
10x90mm		PO5040A
<b>Karmali Selective Medium/Karmali Selective Medium</b>		
10x90mm	Biplate	PO5219E

## Cemo

<b>CEMO Medium with Fungizone™ and Streptomycin</b>		
10x90mm		PO0443A*
<b>CEMO Medium with Fungizone™</b>		
10x90mm		PO0444A*

## Clostridium difficile

<b>Brazier's Clostridium difficile Selective Agar</b>		
10x90mm		PB1055A
<b>Clostridium difficile Selective Agar</b>		
10x90mm		PB0218A*
<b>Clostridium difficile Selective Medium</b>		
10x90mm		PB5054A

## Clostridium perfringens

<b>Membrane Clostridium Perfringens (mCP) Agar</b>		
10x90mm		PO5163A
<b>TSC Agar</b>		
10x90mm		PO0520A
10x90mm		PO5315A

## Coliforms/E. coli

<b>Brilliance E. coli/coliform Agar</b>		
10x90mm		PO5176A
<b>Brilliance ESBL Agar</b>		
10x90mm		PO5302A
<b>Chromogenic Coliform Agar</b>		
10x90mm		PO5318A
10x55mm		PO5428J
<b>China Blue Lactose Agar</b>		
10x90mm		PO5060A
<b>MLGA</b>		
10x90mm		PO1016A
<b>TBX Agar</b>		
10x90mm		PO0727A^
10x90mm		PO5109A+

## Corynebacteria

<b>Hoyles Medium</b>		
10x90mm		PO0143A

## Dermatophytes

<b>Dermasel Agar</b>		
10x90mm		PO0737A^
10x90mm		PO5037A+
<b>Dermatophyte Medium with Phenol Red</b>		
10x90mm		PO0166A
<b>Dermatophytes Selective Agar (Taplin)</b>		
10x90mm		PO5087A
<b>Dermatophyte Medium with Chloramphenicol (100mg / Litre)</b>		
10x90mm		PO0964A

## Enterobacteriaceae

<b>Blood Agar with Blood / MacConkey Agar with Salt</b>		
10x90mm		PB1296E
<b>Brilliance CRE Agar</b>		
10x90mm		PO1226A
<b>Brilliance ESBL/Brilliance CRE Agar</b>		
10x90mm	Biplate	PO1265E
<b>Brilliance ESBL Agar</b>		
10x90mm		PO5302A
<b>Endo Agar</b>		
10x90mm		PO5005A
<b>Eosine Methylene Blue Agar (modified) Levine</b>		
10x90mm		PO5045A
<b>MacConkey Agar</b>		
10x90mm		PO5146A
<b>MacConkey Agar (EP, USP, JP, BP)</b>		
10x90mm		PO1142A
<b>MacConkey Agar No. 3</b>		
10x90mm		PO0495A^
10x90mm		PO5002A+
(2x10) 55mm	Contact Plate	PO5053C
<b>MacConkey Agar No.2</b>		
10x90mm		PO5110A
<b>MacConkey Agar with Salt</b>		
10x90mm		PO0149A
<b>MacConkey Agar without Salt</b>		
10x90mm		PO0148A^
10x90mm		PO5131A+
<b>Violet Red Bile Agar</b>		
10x90mm		PO5075A
<b>Violet Red Bile Agar with MUG</b>		
10x90mm		PO5031A
<b>Violet Red Bile Glucose Agar</b>		
10x90mm		PO5322A
(2x10) 55mm	Contact Plate	PO5323C
10x90mm		PO1167A
<b>C.L.E.D. Medium / MacConkey Agar No. 3</b>		
10x90mm	Biplates	PO5217E
<b>Columbia Agar with Blood / Endo Agar</b>		
10x90mm	Biplates	PB5200E
<b>Columbia Agar with Blood / MacConkey Agar No. 3</b>		
10x90mm	Biplates	PB5207E
<b>Columbia CNA Aesculin Selective Agar/ Brilliance™ UTI</b>		
10x90mm	Biplates	PB5220E
<b>Columbia CNA Aesculin Selective Agar/ MacConkey Agar No. 3, mod.</b>		
10x90mm	Biplates	PB5224E

## Enterococci

<b>Bile Aesculin Agar</b>		
10x90mm		PO0169A
<b>Aesculin Blood Agar (modified)</b>		
10x90mm		PB5023A
<b>Brilliance VRE Agar</b>		
10x90mm		PO1175A
<b>Enterococcus Selective Agar (Bile Aesculin Azide Agar)</b>		
10x90mm		PO5062A
<b>Kanamycin Aesculin Azide Agar</b>		
10x90mm		PO0173A^
10x90mm		PO5059A+

\* Product is not a stock item, minimum order and lead times may apply.  
+ Mainland Europe ^ Only available in UK

Not all products available in all territories. Please contact your local office for details.

<b>Slanetz and Bartley Agar</b>	
10x90mm	PO5018A
<b>VRE Selective Agar</b>	
10x90mm	PO5089A

### Enterohaemorrhagic *E. coli*

<b>Sorbitol MacConkey Agar with Cefixime Tellurite</b>	
10x90mm	PO0702A
<b>Enterohaemolysin Agar with Blood</b>	
10x90mm	PB5105A
<b>Sorbit-MacConkey-Nährboden (SMAC)</b>	
10x90mm	PO5069A
10x90mm	PO0232A

### Extended Spectrum Beta-Lactamase

<b>Brilliance ESBL Agar</b>	
10x90mm	PO5302A

### *Gardnerella vaginalis*

<b>Gardnerella Selective Agar with Sheep Blood</b>	
10x90mm	PB0134A
<b>Gardnerella vaginalis agar with Human Blood</b>	
10x90mm	PB5067A

### *Haemophilus influenzae*

<b>Columbia Agar with Chocolate Horse Blood and Bacitracin</b>		
10x90mm	PB0220A	
<b>Chocolate Agar with Vitox</b>		
10x90mm	PO5090A	
<b>Chocolate GC Selective Agar</b>		
10x90mm	PB0963A	
<b>Columbia Agar with Chocolate Horse Blood</b>		
10x90mm	PB0124A	
<b>G.C. Selective Agar (VCNT) with Lysed Blood</b>		
10x90mm	PB0135A	
<b>G.C. Selective Agar with Lysed Horse Blood and LCAT</b>		
10x90mm	PB0226A	
<b>G.M.P. G.C. Agar (Lysed) V.C.A.T.</b>		
10x90mm	PB0820A	
<b>Haemophilus Selective Agar (Chocolate Agar with Vitox, Bacitracin, Vancomycin, Amphotericin B)</b>		
10x90mm	PO5097A	
<b>Lysed G.C. Selective Agar</b>		
10x90mm	PB1205A	
<b>Columbia Agar with Blood / Chocolate Agar</b>		
10x90mm	Biplate	PB5202E

### *Helicobacter pylori*

<b>Helicobacter pylori Selective Agar</b>	
10x90mm	PB0398A

### Lactobacilli

<b>MRS Agar</b>	
10x90mm	PO0231A^
10x90mm	PO5047A+

### Legionella

<b>Legionella Medium BCYE</b>	
10x90mm	PO5072A
<b>Legionella Medium BCYE (without L-cysteine)</b>	
10x90mm	PO0255A^
10x90mm	PO5028A+
<b>Legionella BCYE<math>\alpha</math> Medium</b>	
10x90mm	PO5072A
<b>Legionella Selective Medium BMPA</b>	
10x90mm	PO0324A^
10x90mm	PO5035A+
<b>Legionella Selective Medium GVPC</b>	
10x90mm	PO0245A^
10x90mm	PO5074A+
<b>Legionella Selective Medium MWY</b>	
10x90mm	PO5071A

### Listeria

<b>Brilliance Listeria Agar</b>	
10x90mm	PO1102A^
10x90mm	PO5165A+
<b>Listeria Selective Agar (Oxford)</b>	
10x90mm	PO0179A^
10x90mm	PO5026A+
<b>Oxid Chromogenic Listeria Agar (ISO) – OLCA (ISO)</b>	
10x90mm	PO1196A^
10x90mm	PO5183A+
<b>Palcam Medium</b>	
10x90mm	PO5104A
<b>Tryptone Soya Agar with Yeast Extract (TSYE)</b>	
10x90mm	PO5050A

### MRSA

<b>Brilliance MRSA 2 Agar</b>		
10x90mm	PO1210A^	
10x90mm	PO5310A+	
<b>Brilliance™ MRSA 2 Agar/ Columbia Agar with Sheep Blood PLUS</b>		
10x90mm	Biplate	PB5253E
<b>Brilliance™ MRSA 2 Agar/ Columbia CAP Agar with Sheep Blood</b>		
10x90mm	Biplate	PB5264E
<b>Brilliance MRSA 2 Agar/ Brilliance Staph 24 Agar</b>		
10x90mm	Biplate	PO1258E

### Mycoplasma/Ureaplasma

<b>Mycoplasma / Ureaplasma Agar</b>	
10x90mm	PO5081A

### *Neisseria gonorrhoeae*

<b>Oxid Lysed GC Selective Agar</b>	
10x90mm	PB1205A
<b>Oxid Chocolate GC Selective Agar</b>	
10x90mm	PB0963A
<b>G.C. Selective Agar with Lysed Horse Blood and LCAT</b>	
10x90mm	PB0226A
<b>G.M.P. G.C. Agar (Lysed) V.C.A.T.</b>	
10x90mm	PB0820A
<b>Neisseria Selective Medium PLUS</b>	
10x90mm	PO5004A

## Pasteurella

Pasteurella Selective Medium		
10x90mm		PB5175A

## Pseudomonas

Pseudomonas CFC Selective Agar		
10x90mm		PO0291A^
10x90mm		PO5132A+
Pseudomonas CN Selective Agar		
10x90mm		PO0185A^
10x90mm		PO5076A+
Cetrimide Agar (USP, EP)		
10x90mm		PO5181A
Glutamate Starch Phenol Red Selective Medium		
10x90mm		PO5128A

## Salmonella/Shigella

Brilliance Salmonella Agar		
10x90mm		PO5098A
Brilliant Green Agar (Modified)		
10x90mm		PO0171A^
10x90mm		PO5033A+
DCA (Hynes)		
10x90mm		PO0126A^
10x90mm		PO5016A+
DCLS Agar		
10x90mm		PO0127A
Gassner Medium		
10x90mm		PO5021A
Hektoen Enteric Agar		
10x90mm		PO5100A
MLCB Agar		
10x90mm		PO5029A
S. S. Agar		
10x90mm		PO5022A
Salmonella Chromogenic Medium (OSCM)		
10x90mm		PO0958A
X.L.D. Agar (EP, USP, JP, BP)		
10x90mm		PO1132A
XLD Medium		
10x90mm		PO0164A^
10x90mm		PO5057A+
X.L.T4 Medium		
10x90mm		PO1158A^
10x90mm		PO5116A+
Brilliance™ Salmonella/XLD Agar		
10x90mm	Biplate	PO5248E
Hektoen Enteric Agar/DCA (Leifson)		
10x90mm	Biplate	PO5257E
S.S. Agar / X.L.D. Medium		
10x90mm	Biplate	PO5210E

## Staphylococcus aureus

Baird-Parker Agar		
10x90mm		PO0168A^
10x90mm		PO5014A+
Baird Parker RPF Agar		
10x90mm		FR59951

Brilliance MRSA 2 Agar		
10x90mm		PO1210A^
10x90mm		PO5310A+
Brilliance MRSA 2 Agar/Columbia Sheep Blood Agar		
10x90mm	Biplate	PB5253E
Brilliance Staph 24 Agar		
10 plates		PO1186A^
Brilliance MRSA 2/Brilliance Staph 24		
10x90mm	Biplate	PO1258E
CNA Staph/Strep Selective Agar		
10x90mm		PB0308A
10x90mm		PB5049A
Columbia CAP Selective Agar with Sheep Blood		
10x90mm		PB5082A
Columbia CAP with Sheep Blood/ Brilliance Staph 24 Agar		
10x90mm	Biplate	PB5266E
DNase Agar		
10x90mm		PO0128A
DNase Agar with Methyl Green		
10x90mm		PO1000A
Mannitol Salt Agar		
10x90mm		PO0151A^
10x90mm		PO5027A+
Mannitol Salt Agar (EP, USP, JP, BP)		
10x90mm		PO1169A

## Staphylococci and Streptococci

CNA Staph/Strep Selective Agar		
10x90mm		PB0308A
10x90mm		PB5049A
Brilliance Staph 24 Agar		
10x90mm		PO1186A
Columbia CAP Selective Agar with Sheep Blood		
10x90mm		PB5082A
Columbia CAP Selective Agar with Horse Blood		
10x90mm		PB1161A
Streptococcal Selective Agar COBA		
10x90mm		PB0298A

## Streptococcus agalactiae

Brilliance GBS Agar		
10x90mm		PO5320A
Brilliance GBS Agar/ Columbia CNA Agar		
10x90mm	Biplate	PB5260E
Edwards Medium with Sheep Blood (modified)		
10x90mm		PB5080A

## Vibrio

TCBS Cholera Medium		
10x90mm		PO0194A

## VRE

Brilliance VRE Agar		
10x90mm		PO1175A
VRE Selective Agar		
10x90mm		PO5089A

### Yeasts and Moulds

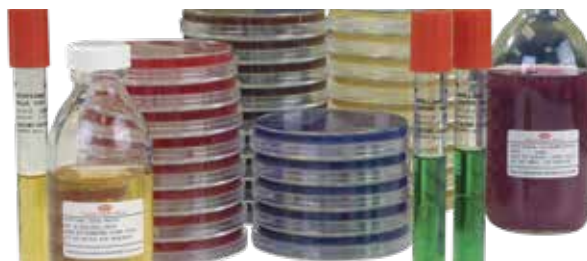
<b>Biggy Agar</b>		
10x90mm		PO5011A
<b>Brilliance™ Candida Agar</b>		
10x90mm		PO1034A^
10x90mm		PO5170A+
<b>Brilliance Candida / Sabouraud Dextrose Agar</b>		
10x90mm	Biplate	PO5258E
<b>Columbia CAP Agar / Sabouraud Dextrose Agar</b>		
10x90mm	Biplate	PB1297E
<b>Dichloran-Glycerol (DG18) Selective Medium</b>		
10x90mm		PO5088A
(2x10) 55 mm	Contact Plate	PO5313C
<b>Kimmig Medium</b>		
10x90mm		PO5019A
<b>DRBC (ISO) Agar</b>		
10x90mm		PO1227A
<b>Malt Extract Agar</b>		
10x90mm		PO0182A^
10x90mm		PO5055A+
(2x10) 55 mm	Contact Plate	PO5079C
<b>Malt Extract Agar with Chloramphenicol</b>		
(2x10) 55 mm	Contact Plate	PO5314A
<b>Oxytetracycline Glucose Yeast Extract Agar</b>		
10x90mm		PO0183A
<b>Potato Dextrose Agar</b>		
10x90mm		PO0186A
<b>Rice Agar</b>		
10x90mm		PO5064A
<b>Rose Bengal Chloramphenicol Agar</b>		
10x90mm		PO0214A
<b>Sabouraud Dextrose Agar</b>		
10x90mm		PO0160A^
10x90mm		PO5001A+
<b>Sabouraud Dextrose Agar with Chloramphenicol</b>		
10x90mm		PO0161A^
10x90mm		PO5070A+
(2x10) 55 mm	Contact Plate	PO5094C
<b>Sabouraud Dextrose Agar with Chloramphenicol (Deep Fill)</b>		
10x90mm		PO0358A
<b>Sabouraud Dextrose Agar with Chloramphenicol and Actidione</b>		
10x90mm		PO0162A
<b>Sabouraud Glucose Agar with Disinhibitor</b>		
10x90mm		PO5103A
<b>Sabouraud Glucose Selective Agar with Gentamicin and Chloramphenicol</b>		
10x90mm		PO5096A
<b>Wort Agar</b>		
10x90mm		PO5063A
<b>Yeast Extract Glucose Chloramphenicol Medium (YGC-Medium)</b>		
10x90mm		PO5032A
<b>Dichloran-Glycerol (DG18) Selective Medium</b>		
(2x10) 55 mm	Contact Plate	PO5313C
<b>Sabouraud Dextrose Agar</b>		
10x55mm	Contact Plate	PO0192C
<b>Sabouraud Dextrose Agar</b>		
10x55mm	Contact Plate	PO0394D

### Yersinia

<b>Yersinia Selective Agar CIN</b>		
10x90mm		PO0287A^
10x90mm		PO5044A+

\* requires the addition of blood

<b>Yersinia Selective Agar CIN/Yersinia Selective Agar CIN</b>		
10x90mm	Biplate	PO5222E



## Ready-to-Use Media

### Saves Time and Effort

Thermo Scientific™ Oxoid™ Prepared Media makes laboratory life easier. Our quality assured, ready-to-use media, made using Oxoid dehydrated culture media, eliminates the time-consuming processes of in-house media preparation and quality control.

**Ready Poured Plates** – Large range includes many products in the Thermo Scientific™ *Brilliance*™ Range of Chromogenic Media, for rapid reliable detection and differentiation of important pathogens.

**Bottled Media** – A wide range of general purpose media; specialist pharmaceutical media; diluents, water and peptones are available in a variety of bottle types – see page 47 for more details.

**Bagged Enrichment Media** – Thermo Scientific™ Bagged Enrichment Media are designed for media preparation in minutes. This scalable range of solutions eliminates the need for weighing and autoclaving of dehydrated culture media, enabling you to quickly meet testing demands. See pages 56-57 for details.

Quality control testing of Oxoid Prepared Media manufactured at our facility in Perth is validated by UKAS (UKAS testing laboratory number 2727), meeting the requirements of ISO/IEC 17025:2005–General requirements for the Competence of Testing and Calibration Laboratories.

Prepared Media QC certificates are available via [thermofisher.com/microbiology](http://thermofisher.com/microbiology) for our customers' convenience.



# Thermo Scientific™ Bottled Media

High Performance Media in Formats to Suit Your Laboratory



### 225ml in 250ml Sirop

Broths of various volumes available in 60, 125, 250, 300, 500 and 1,000ml Sirops

### 100ml in 125ml Sirop

Agars of various volumes available in 60, 125, 250, 300, 500 and 1,000ml Sirops



### 10ml Agar Slope in 30ml Universal

Agar Slopes available in various volumes

### 10ml Broth in 30ml Universal with Durham's Tube

Broths available in various volumes



### 3ml Agar Slope in Bijou

Broths and Agars available in 3 - 5ml volumes

### 100ml in 100ml Vial (injectable cap)

Broths and diluents available in various size vials 2 - 100ml



### 10ml in Tube

Broths and Agar Slopes available in various volumes



### 100ml in 100ml DIN (injectable cap)

Broths and diluents available in various size DIN bottles 100 - 500ml



### 100mL in 125mL Borosilicate bottle (BB)

Volumes of various amounts from 90-1000mL available in Borosilicate bottle (BB) w or w/o septum

### 100 mL in 250mL wide mouth bottle (WMB) w/Lug cap

Volumes from 90-100mL are available in Wide Mouth Bottle (WMB) with Lug cap



### 100mL in 100mL serum bottle (SB) (injectable cap)

Volumes of various amounts from 20-400mL available in serum bottle (SB) (injectable cap)

## KEY TO BOTTLE TYPES

D	DIN – wide neck bottle with septum
V	Vial – narrow neck with septum
S	Sirop – screw cap bottle
Spc	Sirop – with pierceable screw cap
U	Universal – 1oz straight walled
B	Bijou – 1/4oz straight walled
T	Tube with screw cap
P	Sterile plastic container
W	Wide mouth bottle with lug cap
BB	Borosilicate bottle without septum
BBS	Borosilicate bottle with septum

Product/Pack Size	Bottle Volume	Bottle Type	Code
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## Specialist Pharmaceutical Media

### Double Bagged Bottles

10x100mL

### Tryptic Soy Broth (EP/USP/JP)

10/Pk	100mL	V	R112912
10/Pk	100mL	BBS	R112751
10/Pk	100mL	W	R112996

### 0.1% Peptone Water

10x100mL	100mL	D	BO0833M
10x300mL	500mL	D	BO0833Z
10x500mL	500mL	D	BO0833V

### 0.1% Peptone Water with 0.1% Tween™

10x100mL	125mL	Spc	BO0293M
10x300mL	500mL	Spc	BO0293Z
10x500mL	500mL	D	BO0964V

### Buffered Sodium Chloride Peptone (EP/USP/JP/BP)

24x9mL		U	BO0322D
10x90mL	125mL	S	BO0322J*
10x100mL	125mL	S	BO0322M

### Double bagged bottles Fluid Thioglycollate Medium

10/Pk	100mL	BB	R112910
10/Pk	100mL	BBS	R112647
10/Pk	100mL	W	R112997

### Thioglycollate Medium (acc. to EP/USP)

10x100mL	100mL	V	BO0368M
10x100mL	100mL	D	BO0510M
10x500mL	500mL	D	BO0510V
50x9mL	9mL	T	TV5001D

### Tryptone Soya Broth (acc. to EP/USP)

24x2mL	5mL	V	BO0369A
24x10mL	20mL	V	BO0369E
10x100mL	100mL	V	BO0369M
10x100mL	100mL	D	BO0509M
10x500mL	500mL	D	BO0509V
50x10mL	20mL	T	TV5002E

## Specialist Pharmaceutical Selective and Differential Media

### Enterobacteria Enrichment Broth-Mossel (EP/USP/JP/BP)

24x10mL		U	BO1156E
10x90mL	125mL	S	BO1156J
10x100mL	125mL	S	BO1156M

### MacConkey Broth (EP/USP/JP/BP)

10x100mL	125mL	S	BO1124M
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### RVS Enrichment Broth MLT (EP/USP/JP/BP)

24x10mL		U	BO1121E
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# Culture Media

## Bottled Media

Product/Pack Size	Bottle Volume	Bottle Type	Code
<b>Reinforced Clostridial Medium (EP/USP/JP/BP)</b>			
10x100mL	125mL	S	BO1158M
<b>Sabouraud Dextrose Agar pH 5.6 (EP/USP/JP/BP)</b>			
10x100mL	125mL	S	BO1155M
10x250mL	300mL	S	BO1155T
10x450mL	500mL	S	BO1155Z
<b>Sabouraud Dextrose Broth (EP/USP/JP/BP)</b>			
10x100mL	125mL	S	BO0283M

## General Purpose Media

<b>Brain Heart Infusion Broth</b>			
24x9mL		U	BO1230D
<b>Brain Heart Glucose Bouillon</b>			
10x100mL		U	BO1230M
10x125mL		U	BO1230Z
50x10mL		T	TV5090E
<b>Brilliant Green Bile Broth (Durham's Tube)</b>			
24x10mL		U	BO0345E
50x10mL		T	TV5009E
<b>Buffered Peptone Water</b>			
10x90mL	125mL	S	BO0201Z
10x225mL	225mL	S	BO0201S
10x225mL	225mL	P	BO0688S
<b>Buffered Peptone Water (ISO)</b>			
50x9mL		T	TV5013D
<b>Columbia Agar with Chocolate Horse Blood</b>			
24x3mL		B	BO0341B
<b>Cooked Meat Medium</b>			
24x10mL		U	BO0212E
100x10mL		U	EB0212E
<b>Nutrient Broth with Dextrose</b>			
50x9mL		T	TV5003D
<b>Lethen Broth</b>			
24x10mL		U	BO0409E
<b>Nutrient Agar (Slope)</b>			
24x3mL		B	BO0336B
200x3mL		B	EB0336B
24x10mL		U	BO0336E
50x7,5mL		T	TV5011Z
<b>Nutrient Broth</b>			
24x3mL		B	BO0210B
24x10mL		U	BO0210E
10x250mL	500mL	S	BO0210T*
<b>Plate Count Agar</b>			
10x250mL	500mL	S	BO0195T
10x500mL	500mL	S	BO0195V
<b>Thioglycollate Medium USP (acc. To ESP/USP)</b>			
24x20mL		U	BO0211G
10x100mL	125mL	S	BO0211M
50x9mL		T	TV5001D
<b>Tryptone Soya Agar</b>			
10x100mL	125mL	S	BO0330M
10x250mL	500mL	S	BO0330T
10x500mL	500mL	S	BO0330V
<b>Tryptone Soya Agar (Slope)</b>			
24x15mL		U	BO0405F
<b>Tryptone Soya Broth (acc. to EP/USP)</b>			
24x10mL		U	BO0351E
24x20mL		U	BO0351G
10x90mL		S	BO0351U

Product/Pack Size	Bottle Volume	Bottle Type	Code
10x100mL	125mL	S	BO0351M
10x200mL	250mL	S	BO0351R
10x500mL	500mL	S	BO0351V
50x10mL		T	TV5002E
<b>Yeast Extract Agar</b>			
10x100mL	125mL	S	BO0635M
10x500mL	500mL	S	BO0556V

## Diluents, Water and Peptones

<b>0.1% Peptone Water with 0.85% Salt</b>			
24x9mL		U	BO0471D
<b>0.9% Saline</b>			
24x3mL		B	BO0334B
200x3mL		B	EB0334B
24x10mL		U	BO0334E
<b>Alkaline Peptone Water</b>			
24x10mL		U	BO0335E
<b>DEV Agar</b>			
50x18ml		T	TV5207X
<b>Lactose Peptone Water Sugar (Durham's Tube)</b>			
24x3mL		B	BO0435B
<b>Maximum Recovery Diluent</b>			
24x9mL		U	BO0348D
50x9mL		T	TV5016D
10x90mL	125mL	S	BO0348Z
10x225mL	250mL	S	BO0348S*
10x500mL	500mL	S	BO0348V
<b>Peptone Water</b>			
24x3mL		B	BO0208B
200x3mL		B	EB0208B
24x9mL		U	BO0208D
24x3mL		B	BO0208B
<b>Purified Water</b>			
24x3mL		B	BO0209B
200x3mL		B	EB0209B
300x3mL		T	BO0184B
24x5mL		B	BO0209C
200x5mL		B	EB0209C
24x10mL		U	BO0209E
10x100mL		S	BO0209M
10x200mL		S	BO0209R
<b>Ringers Solution 1/4 strength</b>			
24x9mL		U	BO0332D
<b>Tryptone Water</b>			
24x3mL		B	BO0383B
24x5mL		B	BO0383C

## Water testing media

<b>DEV-Agar</b>			
50 x 18 mL		T	TV5207X
10 x 250 mL		S	BO1251T
<b>Minerals Modified Glutamate (Durham Tube)</b>			
24x10		U	BO0541E
<b>Minerals Modified Glutamate x2 strength (Durham Tube)</b>			
24x10		U	BO0542E
<b>Water Plate Count Agar (ISO)</b>			
10x100 mL		S	BO0055M
10x200 mL		S	BO0055R
<b>TSC Agar (Clostridium perfringens Agar)</b>			
50x20 mL		T	TV5204G
10x100 mL	125 mL	S	BO0634M



Product/Pack Size	Bottle Volume	Bottle Type	Code
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**Organism Specific**

Product/Pack Size	Bottle Volume	Bottle Type	Code
<b>Anaerobes</b>			
<b>Schaedler Broth (with Haemin and Vitamin K)</b>			
50x9 mL		T	TV5008D
<b>Thioglycollate Medium (with Haemin and Vitamin K)</b>			
50x9 mL		T	TV5095D
<b>TSC Agar</b>			
50x20mL		T	TV5204G
<b>Campylobacter</b>			
<b>Bolton Broth</b>			
10x225mL	250mL	S	BO1070S
10 x 90 mL	125 mL	P	BO1148M
<b>Clostridium perfringens</b>			
<b>Lactose Gelatin Medium</b>			
24x15mL		U	BO1068F
<b>Buffered Motility Nitrate Medium</b>			
24x10mL		U	BO1069E
<b>Coliforms/E. coli</b>			
<b>Brilliant Green Bile Broth (Durham's Tube)</b>			
24x10mL		U	BO0345E
50x10mL		T	TV5009E
<b>E.E. Broth</b>			
10x100mL		S	BO0598M
10x90mL		S	BO0443Z
50x10mL		T	TV5041E
<b>Lactose Broth</b>			
10x90mL	125mL	S	BO0596Z
<b>Lauryl Tryptose Broth with MUG and Tryptophan (with Durham Tube)</b>			
50x10mL		T	TV5079E
<b>MacConkey Broth</b>			
10x100mL	125mL	S	BO0550M
<b>MacConkey Broth Purple</b>			
10x100mL	125mL	S	BO0376M
<b>MacConkey Broth Purple (Durham's Tube)</b>			
24x10mL		U	BO0347E
<b>Membrane Lauryl Sulphate Broth</b>			
24x10mL		U	BO0394E
<b>Minerals Modified Glutamate (Durham's Tube)</b>			
24x10mL		U	BO0541E*
<b>Minerals Modified Glutamate x2 Strength (Durham's Tube)</b>			
24x10mL		U	BO0542E
<b>Violet Red Bile Agar</b>			
10x100mL	125mL	S	BO0455M
<b>Enterobacteriaceae</b>			
<b>EE Broth</b>			
10x90mL	125mL	S	BO0443Z
10x100mL	125mL	S	BO0598M
50x10mL		T	TV5041E
<b>Kligler Iron Slant Agar (with Urea)</b>			
50x9ml		T	TV5004D
<b>S.I.M. Medium</b>			
50x10ml		T	TV5014E
<b>Simmons Citrate Slant Agar</b>			
50x7,5ml		T	TV5015Z
<b>Triple Sugar Iron Agar</b>			
50x9mL		T	TV5074D
<b>Urea Agar (Slope)</b>			
24x3mL		B	BO0337B
200x3mL		B	EB0337B

Product/Pack Size	Bottle Volume	Bottle Type	Code
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<b>Urea Broth</b>			
24x3mL		B	BO0338B
50x6mL		T	TV5007N
<b>Violet Red Bile Agar</b>			
10x100mL	125mL	S	BO0455M
<b>Violet Red Bile Glucose Agar</b>			
10x100mL	125mL	S	BO1329M
<b>Enterococci</b>			
<b>Bile Aesculin Agar (Slope)</b>			
24x3mL		B	BO0339B
<b>Aesculin Agar (Slope)</b>			
24x3mL		B	BO0826B
<b>Enterohaemorrhagic E. coli</b>			
<b>Modified Tryptone Soya Broth with Novobiocin</b>			
100x10mL		U	BO0869E
<b>Group B Streptococci</b>			
<b>Group B Strep Selective Enrichment (LIM) Broth</b>			
24x10mL		U	BO1086E
50x5mL		T	TV5093E
<b>Listeria</b>			
<b>Fraser Broth</b>			
50x10mL		T	TV5020E
<b>Half Fraser Broth</b>			
10x225mL	250mL	S	BO0350S
10x225mL	250mL	P	BO0793S
<b>Fraser Broth with supplement</b>			
100 x 10 mL		U	EB1342E
<b>ONE Broth-Listeria</b>			
10x225mL	250mL	S	BO1066S
<b>LEB-Listeria Enrichment Broth</b>			
10 x 225mL	250mL	S	BO1205S
<b>Mycoplasma</b>			
<b>Mycoplasma / Ureaplasma Enrichment Broth</b>			
50x2mL		T	TV5081A
<b>Salmonella/Shigella</b>			
<b>Buffered Peptone Water</b>			
50x9mL		T	TV5013D
<b>Lysine Decarboxylase Broth (Taylor)</b>			
50x6mL		T	TV5028N
<b>MKTT(n)</b>			
50x10mL		T	TV5065E
<b>ONE Broth-Salmonella</b>			
10x225mL	250mL	S	BO1096S
<b>Rappaport-Vassiliadis Broth</b>			
24x10mL		U	BO0203E
50x10mL		T	TV5017E
<b>Rappaport-Vassiliadis Soya Peptone Broth</b>			
24x10mL		U	BO0499E*
50x10mL		T	TV5036E
<b>Selenite Cystine Broth</b>			
100x10mL		U	EB1222E
50x10ml		T	TV5018E
<b>Selenite F Broth</b>			
100x10mL		U	EB1221E
<b>Selenite Lactose Broth</b>			
50x10mL		T	TV5005I
<b>Tetrathionate Broth (Mueller Kaufmann)</b>			
50x10ml		T	TV5006I

\* Product is not a stock item, minimum order and lead times may apply. Please contact your Customer Services Administrator for details.

Not all products available in all territories. Please contact your local office for details.

# Culture Media

Bottled Media, Bagged Media

Product/Pack Size	Bottle Volume	Bottle Type	Code
<b>Staph. aureus/MRSA</b>			
<b>Contrast MRSA Broth</b>			
100x3mL in glass		U	EB1225B
100x3mL in plastic tubes			EB1226B
24x3ml in plastic tubes		U	BO1226B
<b>Nutrient Broth with 7.5% Salt</b>			
100x10mL		U	EB0424E
<b>Trichomonads</b>			
<b>Trichomonas Medium</b>			
200x5mL		B	EB0861C
24x5mL		B	LR0027A
<b>Yeasts and Moulds</b>			
<b>Actidione Agar</b>			
100mL			PM0118C
<b>Rose Bengal Chloramphenicol Agar</b>			
10x250mL	300mL	S	BO0198T*
<b>Sabouraud Dextrose Agar</b>			
10x100mL	125mL	S	BO0408M
10x250mL	500mL	S	BO0408T
10x500mL	500mL	S	BO0408V
<b>Sabouraud Dextrose Agar (Slope)</b>			
24x10mL		U	BO0342E
<b>Sabouraud Dextrose Agar with Chloramphenicol</b>			
10x100mL	125mL	S	BO0756M
<b>Sabouraud Liquid Medium USP</b>			
24x10mL		U	BO0358E
10x100mL	125mL	S	BO0283M*

## Agar Slopes

<b>Bile Aesculin Agar (Slope)</b>			
24x3mL		B	BO0339B
<b>Citrate Agar (Slope)</b>			
24x3mL		B	BO0379B
<b>Columbia Agar with Chocolate Horse Blood (Slope)</b>			
24x3mL		B	BO0341B
<b>Nutrient Agar (Slope)</b>			
24x3mL		B	BO0336B
200x3mL		B	EB0336B
24x10mL		U	BO0336E
<b>Sabouraud Dextrose (Slope)</b>			
24x10mL		U	BO0342E
<b>Triple Sugar Iron Agar (Slope)</b>			
50x9mL		T	TV5074D
<b>Tryptone Soya Agar (Slope)</b>			
24x15mL		U	BO0405F
<b>Urea Agar (Slope)</b>			
24x3mL		B	BO0337B
200x3mL		B	EB0337B



## Bagged Media

### Thermo Scientific™ Dry-Bags™

#### Enrichment Media

for maximum convenience, each bag is fitted with a filling filter; each bag makes 20 litres

<b>Buffered Peptone Water</b>	
10 bags	DB0509M
<b>Buffered Peptone Water (ISO)</b>	
10 bags	DB1049M
<b>Half Fraser Broth</b>	
5 bags	DB0895L
<b>Maximum Recovery Diluent</b>	
10 bags	DB0733M
<b>ONE Broth Listeria</b>	
5 bags	DB1066L
<b>ONE broth Listeria with filter</b>	
10 Bags	DB1066M

#### Dry-Bags Enrichment Media without Filters

Supplied without filling filters in place for a more economical option. Use with Thermo Scientific Dry-Bags Filters (DB0200A). Each bag makes 20 litres.

<b>Buffered Peptone Water</b>	
10 bags	DB0509W
<b>Buffered Peptone Water (ISO)</b>	
10 bags	DB1049W
<b>Maximum Recovery Diluent</b>	
10 bags	DB0733W
<b>Half Fraser Broth</b>	
5 bags	DB0895V
<b>24 Listeria Enrichment Broth without filter</b>	
5 bags	DB1107V
<b>Lactose Broth</b>	
10 bags	DB0137W
<b>ONE Broth Listeria</b>	
5 bags	DB1066V

#### Thermo Scientific™ Dry-Bags Filter

a 0.2µm, autoclavable filter for use with Dry-Bags Enrichment Media. Autoclave before use.

<b>Dry-Bags Filter</b>	
1 filter	DB0200A



### Thermo Scientific™ FitBag™ Enrichment Media

<b>Buffered Peptone Water</b>	
30 x 2.7L Bags	DF0509A
<b>Buffered Peptone Water</b>	
20 x 4.5L Bags	DF0509B
<b>Buffered Peptone Water</b>	
10 x 9.0L Bags	DF0509C
<b>UVM1 Broth</b>	
30 x 2.7L Bags	DF0863A
<b>UVM1 Broth</b>	
20 x 4.5L Bags	DF0863B
<b>UVM1 Broth</b>	
10 x 9.0L Bags	DF0863C
<b>Half Fraser Broth</b>	
30 x 2.7L Bags	DF0895A
<b>Half Fraser Broth</b>	
20 x 4.5L Bags	DF0895B
<b>Half Fraser Broth</b>	
10 x 9.0L Bags	DF0895C
<b>Buffered Listeria Enrichment Broth</b>	
30 x 2.7L Bags	DF0897A
<b>Buffered Listeria Enrichment Broth</b>	
20 x 4.5L Bags	DF0897B
<b>Buffered Listeria Enrichment Broth</b>	
10 x 9.0L Bags	DF0897C
<b>Buffered Peptone Water (ISO)</b>	
30 x 2.7L Bags	DF1049A
<b>Buffered Peptone Water (ISO)</b>	
20 x 4.5L Bags	DF1049B
<b>Buffered Peptone Water (ISO)</b>	
10 x 9.0L Bags	DF1049C
<b>24 Listeria Enrichment Broth</b>	
30 x 2.7L Bags	DF1107A
<b>24 Listeria Enrichment Broth</b>	
20 x 4.5L Bags	DF1107B
<b>24 Listeria Enrichment Broth</b>	
10 x 9.0L Bags	DF1107C

### Thermo Scientific™ QuickBag™ Enrichment Media

<b>Tryptone Soya Broth</b>	
3 x 2.7L Bags	DQ0129A
<b>Tryptone Soya Broth</b>	
2 x 4.5L Bags	DQ0129B
<b>Buffered Peptone Water</b>	
3 x 2.7L Bags	DQ0509A
<b>Buffered Peptone Water</b>	
2 x 4.5L Bags	DQ0509B
<b>UVM1 Broth</b>	
3 x 2.7L Bags	DQ0863A
<b>UVM1 Broth</b>	
2 x 4.5L Bags	DQ0863B
<b>Half Fraser Broth</b>	
3 x 2.7L Bags	DQ0895A
<b>Half Fraser Broth</b>	
2 x 4.5L Bags	DQ0895B
<b>Buffered Listeria Enrichment Broth</b>	
3 x 2.7L Bags	DQ0897A
<b>Buffered Listeria Enrichment Broth</b>	
2 x 4.5L Bags	DQ0897B
<b>Buffered Peptone Water (ISO)</b>	
3 x 2.7L Bags	DQ1049A
<b>Buffered Peptone Water (ISO)</b>	
2 x 4.5L Bags	DQ1049B
<b>24 Listeria Enrichment Broth</b>	
3 x 2.7L Bags	DQ1107A
<b>24 Listeria Enrichment Broth</b>	
2 x 4.5L Bags	DQ1107B

### Peristaltic Pumps

<b>Simple pump for filling up to 2 Dry-Bags at once</b>		
Each	Starter pack - includes peristaltic pump one pump head and tubing	DB2000A
<b>Complex pump for filling and dispensing</b>		
Each		DB3000A
<b>Additional pump head and fittings</b>		
Each		DB1500A
<b>Tubing for peristaltic pump</b>		
Each		DB1750A

### Thermo Scientific™ ReadyBags™ Bagged Media

each Thermo Scientific ReadyBags bag contains 3 litres of medium ready to use

<b>Buffered Peptone Water</b>	
4x3 litres	BM0104T
<b>Buffered Peptone Water (ISO)</b>	
4x3 litres	BM1104T
<b>Maximum Recovery Diluent</b>	
4x3 litres	BM0204T

### Bag Accessories

only suitable for use with Thermo Scientific ReadyBags Bagged Media

<b>Bag Connectors (autoclavable)</b>	
25	BM9901A

suitable for use with ReadyBags and Dry-Bags Bagged Media; can be autoclaved for reuse

### Thermo Scientific™ DiluFlux™ Pro Automated Gravimetric Dilutor

<b>Automated Diluter with dual pump</b>	
DiluFlux Pro-3 Automated Gravimetric Dilutor w/ simple (non-robotic) dispensing arm	DB4100A
DiluFlux Pro-5 Automated Gravimetric Dilutor w/ robotic dispensing arm	DB4150A



<b>Consumables</b>	
BagFilter™ 400 sterile side-filter bag filter bag	DB4011A
BagPage™ 400 sterile full-surface filter bag	DB4012A
BagLight™ 400 sterile plain bag	DB4013A
RollBag™ 1300 sterile sampling bag	DB4014A
<b>Options &amp; accessories for Diluflux Automated Dilutor</b>	
Pedal	DB4007A
Trocar	DB4002A
5L autoclavable bottle	DB4005A
500g calibrated COFRAC weight	DB4006A
Dispensing platform	DB4001A
Stand for broth bags	DB4003A

Mobile tube holding arm	DB4004A
Printer	DB4008A
Stainless steel nozzle	DB4009A
Tube weight	DB4010A
Ink Ribbon for Printer	DB4101A
Thermal Printer	DB4102A
BagOpen™ 400 for Diluflow™	DB4103A
Weighing platform	DB4104A
Tongs platform	DB4105A
Adjustable distribution arm system for DiluFLux Pro-3 Instrument	DB4106A
Jumbo Kit BagOpen 3500 for DiluFLux Pro-5 Instrument	DB4107A
GeckoGrip	DB4108A
Stand for One broth bag	DB4109A
Booster kit	DB4110A
Full dispensing small assembly for booster Ø 3,2 mm	DB4111A
Small silicone tubing for booster Ø 3,2 mm	DB4112A
Independent stand for broth bags	DB4113A
Air filter for GL45 cap	DB4114A
Nozzles tubing Ø 3,2 mm	DB4115A
Full dispensing assembly for booster kit Ø 6,4 mm	DB4116A
Silicone tubing for booster Ø 6,4 mm	DB4117A
Full dispensing assembly Ø 6,4 mm	DB4118A
Silicone tubing Ø 6,4 mm	DB4119A
Full dispensing assembly Ø 3,2 mm	DB4120A
Silicone tubing Ø 3,2 mm	DB4121A
Set of silicone tubing for pump Ø 3,2 mm	DB4122A
Set of silicone tubing for pump Ø 6,4 mm	DB4123A
Adjustable distribution arm system for DiluFLux Pro-5 Instrument	DB4124A

### Homogenizer Laboratory Blender

<b>Homogenizer Laboratory Blender</b>	
Each	DB5000A
<b>Options &amp; accessories for Homogenizer Laboratory Blender</b>	
BagOpen™ 400, bag opener stand for holding bags	DB5001A
BagRack™ 400, stainless steel stackable storage racks for 10 bags	DB5002A
BagClip™ 400, closing clips for lab blender bags 400 mL	DB5003A



## Thermo Scientific™ Dip Slide™ Media

Store at 10–25°C

<b>MacConkey Agar / CLED Medium</b>	
10 slides	DS0103A
10 slides	GFD01A*
<b>Plate Count Agar / MacConkey Agar No. 3</b>	
10 slides	DS0166A
<b>Plate Count Agar / MacConkey Agar No. 3 (with added germicide inhibitors)</b>	
10 slides	DS0167A
<b>Plate Count Agar / Violet Red Bile Glucose Agar</b>	
10 slides	DS0168A
10 slides	GFD06A*
<b>Plate Count Agar / Violet Red Bile Glucose Agar (with added germicide inhibitors)</b>	
10 slides	DS0169A
<b>Plate Count Agar with OGYE Agar</b>	
10 slides	DS0170A
<b>TTC (Red Spot)</b>	
10 slides	DS0147A
<b>TTC (Red Spot) / Malt Extract Agar</b>	
10 slides	DS0155A
<b>CLED/MacConkey / Malt Extract</b>	
1x10 Slides	GFD02A*
<b>CLED/MacConkey / Cetrimide</b>	
1x10 Slides	GFD03A*
<b>TSA/Malzextract</b>	
1x10 Slides	GFD04A*
<b>PCA/MacConkey with MUG</b>	
1x10 Slides	GFD05A*
<b>Plate count agar / Plate count Agar</b>	
1x10 Slides	GFD07A*

## Biochemical Reagents

### Barbitone Complement Fixation Test Diluent

tablets for the simple and convenient preparation of the special diluent for use in complement fixation test

100 tabs	each tab for 100mL	BR0016G
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### Basic Fuchsin Indicator

a dye for use with Endo Agar Base (CM0479) and Membrane Endo Agar LES (MM0551)

10g		BR0050A
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### MUG Supplement

4-methylumbelliferyl-β-D-glucuronide; a fluorogenic substrate for the detection of *Escherichia coli*

10 vials	50mg/vial	BR0071E
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### Phosphate Buffered Saline (Dulbecco A)

tablets for the preparation of a balanced salt solution without calcium and magnesium

100 tabs	each tab for 100mL	BR0014G
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### Ringers Solution Tablets

tablets for the preparation of isotonic diluents for bacterial cells and bacteriological specimens; store in a cool, dry place

<b>Ringers Solution</b>		
100 tabs	each tab for 500mL	BR0052G

### Saline Tablets

tablets for the preparation of 0.85% isotonic saline; store in a cool, dry place

100 tabs	each tab for 500mL	BR0053G
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## Collection and Transportation Products

### Thermo Scientific™ MicroTest™ Transport System

Media in 15mL tubes with glass beads

#### M4

contains gelatin, vancomycin, amphotericin B and colistin; for viruses, chlamydiae, ureaplasma, mycoplasma. Store at -25 to +8°C

12x3mL	R12502
72x3mL	R12500

<b>M4 Female with 2 female plastic shafted swabs</b>	
100x3mL	R12550

#### M4RT

contains gelatin, gentamicin and amphotericin B; for viruses and chlamydiae; store at 2–30°C

12x3mL	R12506
72x3mL	R12505

<b>M4RT Female with 2 female plastic shafted swabs</b>	
100x3mL	R12552

<b>M4RT w/Micro-Tip Flocked Swab with 1 micro-tip nylon flocked swab</b>	
100x3mL	R12566

<b>M4RT Male/Female with 1 female plastic shafted swab and 1 male stainless steel shafted swab</b>	
100x3mL	R12578

#### M4RT without Beads

contains gelatin, gentamicin and amphotericin B; for viruses; store at 2–30°C

100x3mL	TV4002V
72x3mL	R12596

#### M5

contains vancomycin, amphotericin B, colistin and protein stabilizers; for viruses, chlamydiae, ureaplasma, mycoplasma. Store at -25 to +8°C

12x3mL	R12516
72x3mL	R12515

### Other Transport Swabs

Store at -2 to 25°C

<b>Amies Agar Gel</b>	
10x50	TS0001A
<b>Amies Agar Gel with Charcoal</b>	
10x50	TS0002A
<b>Amies Liquid</b>	
10x50	TS0003A
<b>Amies Agar Gel Mini Tip: Firm Applicator Wire</b>	
10x50	TS0012A

## Laboratory Preparations and Biological Extracts

Intended for use in microbiological culture media, only.

### Agar Bacteriological (Agar No. 1)

a clear, purified, high gel-strength bacteriological agar compatible with all culture media; normal working concentration +1.5%w/v.

500g	LP0011B
5kg	LP0011T

### Agar (Purified)

an exceptionally bright, clear agar, particularly recommended for electrophoresis studies

500g	LP0028B
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### Bile Salts

a standardized ox-bile extract, used as a selective inhibitory agent in culture media

250g	LP0055J
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### Bile Salts No. 3

a specifically refined fraction of bile acid salts

250g	LP0056J
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### Casein Hydrolysate (Acid)

a purified hydrolysate which provides nitrogenous material for culture media

500g	LP0041B
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### Dextrose Bacteriological

a sugar suitable for inclusion in bacteriological culture media

500g	LP0071B
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### Gelatin Bacteriological

readily soluble in water giving a clear solution free from sulphite and preservatives

500g	LP0008B
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### Haemoglobin Powder Soluble

a specially prepared haemoglobin for use in culture media

400g	LP0053C
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### Lab-Lemco Powder (Beef Extract)

500g	LP0029B
5kg	LP0029T

### Lactalbumin Hydrolysate

a pancreatic digest of lactalbumin which contains high levels of essential amino acids

500g	LP0048B
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### Lactose Bacteriological

500g	LP0070B
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### Liver Desiccated Bacteriological

prepared under controlled conditions to ensure maximum retention of nutritive properties

250g	LP0026J
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### Liver Digest Neutralized

a biologically standardized papaic digest of ox liver for use as a nutrient source

500g		LP0027B
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### Malt Extract

an extract of sprouted grain with conserved nitrogen and carbohydrate constituents; recommended for use in media for yeast and mould growth

500g		LP0039B
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### Peptone Bacteriological

a nutritious, all-purpose peptone, for use whenever a high quality bacteriological peptone is required

500g		LP0037B
5kg		LP0037T

### Peptone Bacteriological Neutralized

500g		LP0034B
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### Peptone Mycological

a mycological peptone for isolation and diagnosis of fungi

500g		LP0040B
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### Peptone P

a peptic digest complying with the USP specification of peptic digests of animal tissue; the high sulphur content makes it ideal for use in culture media

500g		LP0049B
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### Peptone Special

designed to encourage the growth of the most demanding organisms

500g		LP0072B
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### Proteose Peptone

a speciality peptone containing proteoses as defined in the USP; particularly suitable for use in toxin production or culture media for bacteria with wide ranging nutritional requirements

500g		LP0085B
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Purified Agar – see Agar (Purified)

### Skim Milk Powder

thermophile free

500g		LP0031B
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### Sodium Biselenite

for addition to selenite media; supplied separately to avoid teratogenic effects

100g		LP0121A
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### Sodium Chloride Bacteriological

500g		LP0005B
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### Soya Peptone Neutralized

an enzymatic digest of soya with a high carbohydrate content

400g		LP0044C
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### Tryptone

a pancreatic digest of casein for use where high performance and uniformity of composition are of paramount importance

500g		LP0042B
5kg		LP0042T

### Tryptone T

a tryptone developed with lower ion levels, ideal for the production of the toxin of *Clostridium tetani*

500g		LP0043B
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### Tryptose

a mixed enzymatic hydrolysate used for the growth of fastidious organisms

500g		LP0047B
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### Yeast Extract Powder

a dried yeast autolysate which is a good source of nitrogen and vitamins

500g		LP0021B
5kg		LP0021T

## Veggietones

Thermo Scientific™ Veggietones™ Media is a range of peptones and culture media manufactured from raw materials guaranteed to be both meat free and genetically modified organism (GMO) free.

### Cold Filterable Vegetable Peptone Broth

a gamma-irradiated, cold filterable Vegetable Peptone Broth suitable for microbiological media fill trials in the pharmaceutical industry, made using raw materials free from animal-derived material

500g		VG0104B
5kg		VG0104T

### GMO-Free Soya Peptone

a nutritious, general purpose peptone, manufactured using GMO-free soya and fungal enzymes

400g		VG0300C
5kg		VG0300T

### Vegetable Peptone No. 1

highly nutritious, general purpose peptone

500g	for 16.1 litres medium	VG0100B
5kg	for 161.0 litres medium	VG0100T

### Vegetable Peptone Broth

highly nutritious, meat free alternative to Tryptone Soya Broth

500g	for 16.1 litres medium	VG0101B
5kg	for 161.0 litres medium	VG0101T

# Process Simulation

## Dehydrated Media

### Cold Filterable Tryptone Soya Broth

a gamma-irradiated, cold filterable Tryptone Soya Broth suitable for microbiological media fill trials in the pharmaceutical industry

500g	for 16.7 litres medium	CM1065B
2.5kg	for 83.3 litres medium	CM1065R
5kg	for 167.0 litres medium	CM1065T

### Cold Filterable Vegetable Peptone Broth

a gamma-irradiated, cold filterable Vegetable Peptone Broth suitable for microbiological media fill trials in the pharmaceutical industry, made using raw materials free from animal-derived material

500g	for 16.1 litres medium	VG0704B
5kg	for 161.0 litres medium	VG0704T

## BioProcess Containers (BPCs)

BPCs are intended for use in process simulations, either as a liquid placebo prior to sterile filtration, or as a growth medium for a solid placebo added downstream of processing.

### Cold Filterable Tryptone Soya Broth in BPCs

ready-to-use cold filterable Tryptone Soya Broth in BPCs, which simply plug into media fill processing lines.

1L		BP1065A
10L		BP1065C
20L		BP1065E

### Cold Filterable Vegetable Peptone Broth in BPCs

ready-to-use cold filterable Vegetable Peptone Broth, a vegetable based alternative to TSB, in BPCs

1L		BP0104A
10L		BP0104C
20L		BP0104E

## BPC Tubing Connectors

ReadyMate™ to male Lynx™	BP0010A
ReadyMate™ to female Lynx™	BP0020A
ReadyMate™ to male Kleenpak™	BP0030A
ReadyMate™ to female Kleenpak™	BP0040A
ReadyMate™ to male Opta™	BP0050A
ReadyMate™ to female Opta™	BP0060A
ReadyMate™ to Steam-Thru™	BP0070A
ReadyMate™ to 2x ReadyMate™	BP0080A
ReadyMate™ to 5x ReadyMate™	BP0090A

# Environmental Monitoring

Air Sampler, Environmental Monitoring Swabs, Prepared Media, Dehydrated Media

## Air Sampler

The Air Sampler comes in a carrying case, with a sampling head, NIST calibration certificate, manual, warranty and battery charger.

<b>Aluminium head for 90mm plates</b>	
each	EM0100A
<b>Stainless Steel head for 90mm plates</b>	
each	EM0100S
<b>Aluminium head for 55mm plates</b>	
each	EM0355A
<b>Stainless Steel head for 55mm plates</b>	
each	EM0355S

## Air Sampler Accessories

<b>Aluminium Sampling Head and Adaptor for 90mm plates</b>	
each	EM0190A
<b>Stainless Steel Sampling Head and Adaptor for 90mm plates</b>	
each	EM0290A
<b>Aluminium Sampling Head for 55mm plates</b>	
each	EM0155A
<b>Stainless Steel Sampling Head for 55mm plates</b>	
each	EM0255A
<b>Soft Carrying Case</b>	
each	EM0104A
<b>Aluminium Carrying Case</b>	
each	EM0105A
<b>Wall/Table Base Plate</b>	
each	EM0109A
<b>Floor Tripod</b>	
each	EM0106A
<b>Battery Charger (110V)</b>	
each	EM0102A
<b>Battery Charger (220V)</b>	
each	EM0101A
<b>Air Sampler PC Connecting Cable</b>	
each	EM0111A
<b>Air Sampler PC Connecting Software</b>	
each	EM0110A
<b>Calibration</b>	
each	EM0100C
<b>12 Month Extended Service Agreement (including single calibration)</b>	
each	EM0900A
<b>Politecnic Calibration Equipment</b>	
each	EM0100D

## Qualification Documentation

<b>IQ</b>	
each	EM0800A
<b>OQ</b>	
each	EM0800B
<b>PQ</b>	
each	EM0800C

## Thermo Scientific™ Contact Plate Applicator

NEW Contact Plate Applicator meets ISO 18593 for surface sampling: stainless steel weight is 500g +/- 5 g and the timer is 10s +/- 0.1s.

each	EM2000A
<b>CPA Replacement Timer Unit</b>	
each	EM2001A

## Environmental Monitoring Swabs

Ideal for use in the environmental monitoring of clean rooms, isolators and other critical areas; triple wrapped, irradiated and VHP proof.

### Single Tube Swab Kits

200	TS0954C
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## Prepared Media

Triple wrapped, irradiated plates. Sterile pack with VHP indicator, according to EP/USP.

<b>Tryptone Soya Agar</b>		
100 plates	90mm	PO5500B
100 plates	Contact Plate (55mm)	PO5510D
<b>Tryptone Soya Agar w/Lecithin, Polysorbate 80, Sodium Thiosuphate, L-Histidine</b>		
100 plates	90mm	PO5501B
100 plates	Contact Plate (55mm)	PO5511D

## Triple-wrapped irradiated media

<b>Tryptone Soya Agar</b>		
10x90mm		PO0821B ^
10x90mm	VHP Proof	PO0777B
10x55mm	Contact Plate	PO0262D
10x90mm		PO5012B
10x90mm		PO5171D
<b>Sabouraud Dextrose Agar</b>		
10x90mm		PO0410B
10x55mm	Contact Plate	PO0394D

## Dehydrated Media

### R2A Agar

a medium for the enumeration of heterophilic bacteria from water samples

500g	for 27.6 litres medium	CM0906B
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### Sabouraud Dextrose Agar

acid pH medium for isolation of dermatophytes and other yeasts and moulds. This can be made selective using chloramphenicol.

500g	for 7.7 litres medium	CM0041B
2.5kg	for 38.5 litres medium	CM0041R
5kg	for 77.0 litres medium	CM0041T

### Tryptone Soya Agar

a general purpose medium for growth of a wide variety of organisms; meets the formula specified in EP/USP/JP

500g	for 12.5 litres medium	CM0131B
2.5kg	for 62.5 litres medium	CM0131R
5kg	for 125.0 litres medium	CM0131T



## Biochemical Identification

Biochemical identification products should be stored at 2–8°C, unless otherwise stated.

### Thermo Scientific™ BactiCard™ Tests

#### BactiCard Candida Identification Kit

For presumptive identification of *Candida albicans*

25 tests	R21106
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#### BactiCard E. coli Identification Kit

For presumptive identification of *Escherichia coli*

25 tests	R21108
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#### BactiCard Neisseria Identification Kit

For presumptive identification of pathogenic *Neisseria* spp. and *Moraxella catarrhalis*

25 tests	R21110
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#### BactiCard Strep Identification Kit

For presumptive identification of streptococci and related genera

25 tests	R21112
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### Thermo Scientific™ Oxoid™ Biochemical Identification System (O.B.I.S™)

#### O.B.I.S. campy Identification Kit

Comprising Gram lysis and L-alanyl aminopeptidase tests, to aid in the identification of Campylobacteraceae

60 tests	ID0800M
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#### O.B.I.S. mono Identification Kit

For the differentiation of *Listeria monocytogenes* from other *Listeria* spp.

60 tests	ID0600M
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#### O.B.I.S. PYR Identification Kit

For PYRase activity in streptococcal organisms and *Citrobacter* spp.

60 tests	ID0580M
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#### O.B.I.S. Salmonella Identification Kit

For PYRase and NPA activity in organisms which are presumptive *Salmonella* spp.

60 tests	ID0570M
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### Touch Sticks

#### Beta-Lactamase (Nitrocefin) Identification Sticks

For the detection of beta-lactamases produced by Gram-positive bacteria. Store below –10°C.

100 sticks	BR0066A
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### Diagnostic Discs and Strips

Diagnostic discs and strips may also be stored in the freezer (–20°C). For information on disc dispensers, please see page 5.

#### A.L.A. Discs

for demonstration of porphyrin synthesis in *Haemophilus* spp.

25 discs	R21115
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### Thermo Scientific™ An-Ident™ Discs

For the presumptive identification of anaerobic Gram-negative bacteria

**One cartridge each: Erythromycin 60µg; Rifampicin 15µg; Colistin 10µg; Penicillin 2 units; Kanamycin 1000µg; Vancomycin 5µg**

6x50 discs	DD0006A
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### Bacitracin Discs

For the differentiation of Lancefield Group A streptococci from other beta-haemolytic streptococci

50 discs	DD0002T
5x50 discs	DD0002B

### Beta Lysin Discs\*

For detection of CAMP factor in Group B streptococci

25 discs	R21120
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### C. albicans Test Kit

Reagent impregnated disc test for presumptive identification of *Candida albicans*

50 tests	R30851401
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### Catarrhalis Test Discs

For rapid detection of butyrate esterase for presumptive identification of *Moraxella catarrhalis*

25 discs	R21121
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### Cefoxitin Discs

For the detection of methicillin resistance

5x50 discs	10µg	DD0026B
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### Cefpodoxime Combination Disc Kit

For the detection of extended spectrum beta-lactamases

250 tests	DD0029B
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### Furazolidone Discs

For the differentiation of micrococci

5x50 discs	100µg	DD0028B
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### Hippurate Discs

To detect the hydrolysis of sodium hippurate by Group B streptococci, *Gardnerella vaginalis* and *Campylobacter jejuni*; requires Ninhydrin Reagent - see page 62

25 discs	R21085
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#### Ninhydrin Reagent

25 ml	R21238
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### Kanamycin Discs

For the presumptive identification of Gram-negative anaerobic bacilli

5x50 discs	1000µg	DD0027B
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### LAP disc w/Reagent Test

For rapid differentiation of *Aerococcus* and *Leuconostoc* from *Streptococcus*, *Enterococcus*, *Lactococcus* and *Pediococcus* using reagent impregnated discs

50 tests	R30168501
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### Metronidazole Discs

For the presumptive identification of *Gardnerella vaginalis*

50 discs	50µg	DD0008T
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\*NOT CE marked

Not all products available in all territories. Please contact your local office for details.

### Thermo Scientific™ Microbact™ Oxidase Strips

50 tests		MB0266A
100 tests		MB0266B

### Microdase Discs

A modified oxidase test for differentiation of staphylococci from micrococci

25 discs		R21132
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### Niacin Reagent Strips\*

For differentiation and identification of mycobacteria

25 strips		R21090
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### Nitrocefin Discs

For rapid detection of beta-lactamase production

25 strips		R211667
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### O129 Discs

For the differentiation of *Vibrio* from other Gram-negative rods

50 discs	150µg	DD0015T
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### ONPG Discs

For rapid detection of beta-galactosidase activity

50 discs		DD0013T
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### Optochin Discs

For the presumptive identification of *Streptococcus pneumoniae*

50 discs		DD0001T
5x50 discs		DD0001B

### Pathotec CO Reagent

Impregnated paper strips for detection of cytochrome oxidase enzyme

4x25 strips		R38191
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### PRO Discs w/Reagent\*

For identification of yeast and anaerobic microorganisms primarily *Candida albicans* and *Clostridium difficile*

25 tests		R211357
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### PYR Discs w/Reagent

Detects PYRase produced by enterococci, allowing rapid differentiation of enterococci from Lancefield Group D streptococci

50 tests		R30854301
100 tests		R30854401

### PYR/Esculin Discs\*

For presumptive identification of Group A streptococci and enterococci; requires BactiDrop PYR Reagent - see page 68

25 tests		R21138
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### SPS Discs

For presumptive identification of *Peptostreptococcus anaerobius*

50 discs		DD0016T
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### Sulphonamide Discs

For the presumptive identification of *Gardnerella vaginalis*

50 discs	1000µg	DD0011T
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### X&V Factor Discs

For the differentiation of the *Haemophilus* species

X Factor Discs		
50 discs		DD0003T
5x50 discs		DD0003B
V Factor Discs*		
50 discs		DD0004T
5x50 discs		DD0004B
X+V Factor Discs*		
50 discs		DD0005T
5x50 discs		DD0005B

\* best stored at -10°C to -20°C

### Cartridge Container

Complete with desiccant

each		HP0055A
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### Thermo Scientific Microbact Kits

#### Microbact GNB 12A Kit

For the identification of Enterobacteriaceae; strip format

60 tests		MB1132A
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#### Microbact GNB 12B Kit

For use with GNB 12A or 12E, to identify miscellaneous Gram-negative bacilli; strip format

60 tests		MB1133A <sup>†</sup>
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#### Microbact GNB 24E Kit

For the identification of Enterobacteriaceae and other Gram-negative bacilli; microplate format

40 tests		MB1131A
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### Microbact Reagents and Accessories for GNB kits

Microbact Reagent TDA	
10mL	MB0180A
Microbact Reagent VP I	
10mL	MB0181A
Microbact Reagent VP II	
10mL	MB0184A
Microbact Reagent Nitrate A	
10mL	MB0186A
Microbact Reagent Nitrate B	
10mL	MB0187A
Microbact Reagent Indole Kovacs	
10mL	MB0209A
Microbact Reagent Set D contains the 6 reagents above	
6x10mL	MB1082A
Microbact Reagent Spot Indole DMACA	
10mL	MB1448A
Microbact Oxidase Strips	
50	MB0266A
100	MB0266B
Microbact Holding Tray 24E/12E	
each	MB5128A
Microbact Holding Tray 12A/B	
each	MB5370A

\*NOT CE marked

Not all products available in all territories. Please contact your local office for details.

**Microbact Listeria 12L Kit**

20 tests	MB1128A
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**Microbact Listeria 12L Haemolysin Reagent**

20 tests	MB1249A
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**Microbact Staphylococcal 12S Kit**

20 tests	MB1561A
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**Microbact Staph Fast Blue Reagent Set**

2x10mL	MB1588A
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**Microbact Accessories**

**Microbact Mineral Oil**

Store at 10–30°C.

50mL	MB1093A
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**Microbact Identification Package**

Microbact programme for Microsoft® Windows®

each	MB1244A
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**Thermo Scientific™ RapID™ Manual Identification System**

**RapID ANA II Panel**

4hr ID of medically important anaerobes; requires Spot Indole and Inoculation Fluid-1mL

20 panels	R8311002
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**RapID CB Plus Panel**

4hr ID of *Corynebacterium* and other Gram-positive coryneform bacilli; requires Nitrate A and Nitrate B Reagents and Inoculation Fluid-2mL

20 panels	R8311008
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**RapID NF Plus Panel**

4hr ID of oxidase-positive, Gram-negative bacilli, including *Vibrio* spp.; requires Spot Indole, Nitrate A and Nitrate B Reagents and Inoculation Fluid-1mL

20 panels	R8311005
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**RapID NH Panel**

4hr ID of *Neisseria*, *Moraxella*, *Haemophilus* and related organisms; requires Spot Indole, Nitrate A and Nitrate B Reagents and Inoculation Fluid-1mL

20 panels	R8311001
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**RapID ONE Panel**

4hr ID of oxidase negative, Gram-negative bacilli; requires Spot Indole and Inoculation Fluid-2mL

20 panels	R8311006
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**RapID SS/u Panel**

2hr ID of urinary tract pathogens; requires Spot Indole and Inoculation Fluid-1mL

20 panels	R8311004
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**RapID Staph Plus Panel**

4hr ID of staphylococci and other catalase-positive, Gram-positive cocci; requires Nitrate A and Nitrate B Reagents and Inoculation Fluid-2mL

20 panels	R8311009
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**RapID STR Panel**

4hr ID of streptococci and related genera; requires Inoculation Fluid-1mL

20 panels	R8311003
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**RapID Yeast Plus Panel**

4hr ID of yeast; requires Inoculation Fluid-2mL

20 panels	R8311007
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**RapID Accessories**

<b>Thermo Scientific™ RapID™ ERIC™ (Electronic RapID Code Compendium) Microsoft® Windows® based software for use with RapID panels; 3.5" CD in plastic case</b>	
each	R8323600
<b>RapID Nitrate A Reagent</b>	
15mL	R8309003
<b>RapID Nitrate B Reagent</b>	
15mL	R8309004
<b>RapID Spot Indole Reagent</b>	
15mL	R8309002
<b>RapID Inoculation Fluid-1mL for use with RapID ANA II, RapID NF Plus, RapID NH, RapID SS/u and RapID STR panels</b>	
20x1mL	R8325102
<b>RapID Inoculation Fluid-2mL for use with RapID CB Plus, RapID ONE, RapID Staph Plus and RapID Yeast Plus panels</b>	
20x2mL	R8325106

For McFarland Equivalence Turbidity Standards, see page 70

**Immunological Tests**

Immunological tests should be stored at 2–8°C, unless otherwise stated.

**Agglutinating Antisera**

Agglutinating sera are packaged 2mL/vial

**Bordetella Agglutinating Sera**

Agglutinating sera for serological identification of *Bordetella* cultures by rapid slide agglutination test

<i>Bordetella parapertussis</i>	R30165601
<i>Bordetella pertussis</i>	R30165501

**Brucella Agglutinating Sera**

Agglutinating sera for serological identification of *Brucella* cultures by tube agglutination test. Also for use as positive control for stained *Brucella* suspensions.

<i>Brucella abortus</i>	R30164801
<i>Brucella melitensis</i>	R30164901

### **E. coli Agglutinating Sera**

Agglutinating sera for serological identification of *E. coli* serotypes by slide and/or tube agglutination tests

<i>E. coli</i> Polyvalent 2 (types O26, O55, O111, O119, O126)	R30954901
<i>E. coli</i> Polyvalent 3 (types O86, O114, O125, O127, O128)	R30955001
<i>E. coli</i> Polyvalent 4 (types O44, O112, O124, O142)	R30955101

### **Haemophilus influenzae Agglutinating Sera**

Agglutinating sera for identification of *H. influenzae* by rapid slide agglutination and CIE procedures

<i>Haemophilus influenzae</i> type a	R30166001
<i>Haemophilus influenzae</i> type b	R30166101
<i>Haemophilus influenzae</i> type c	R30166201
<i>Haemophilus influenzae</i> type d	R30166301
<i>Haemophilus influenzae</i> type e	R30166401
<i>Haemophilus influenzae</i> type f	R30166501

### **Neisseria meningitidis Agglutinating Sera**

Agglutinating sera for identification of *N. meningitidis* by rapid slide agglutination and CIE procedures

<i>Neisseria meningitidis</i> Polyvalent Groups A-D	R30166601
<i>Neisseria meningitidis</i> Group A	R30166801
<i>Neisseria meningitidis</i> Group B	R30167501
<i>Neisseria meningitidis</i> Group C	R30166901
<i>Neisseria meningitidis</i> Group D	R30167001
<i>Neisseria meningitidis</i> Group W135	R30167401
<i>Neisseria meningitidis</i> Group X	R30167101
<i>Neisseria meningitidis</i> Group Y	R30167201
<i>Neisseria meningitidis</i> Group Z	R30167301
<i>Neisseria meningitidis</i> Group X-Z, W135	R30166701

### **Proteus Agglutinating Sera**

Agglutinating sera for use as positive control for stained *Proteus* suspensions by tube agglutination test

<i>Proteus</i> OX2	R30165701
<i>Proteus</i> OX19	R30165801
<i>Proteus</i> OXK	R30165901



### **Salmonella H Agglutinating Sera**

Agglutinating sera for identification of flagella H antigens of *Salmonella* strains by slide and/or tube agglutination tests

<i>Salmonella</i> H Polyvalent Phases 1 & 2	R30858501
<i>Salmonella</i> H Polyvalent Phase 2 (1, 2, 5, 6, 7)	R30163201
<i>Salmonella</i> H (E) Polyvalent for eh, enx, enz15	R30160601
<i>Salmonella</i> H (G) Polyvalent for gm, gp, fg, gq, gst, fgt, gms, gmt, gt, gmq, gpu	R30161001
<i>Salmonella</i> H (L) Polyvalent for lv, lw, lz13, lz28, lz38	R30161801
<i>Salmonella</i> H (1, 2)	R30163301
<i>Salmonella</i> H (1, 5)	R30163401
<i>Salmonella</i> H (1, 6)	R30163501
<i>Salmonella</i> H (1, 7)	R30163601
<i>Salmonella</i> H (a)	R30160201
<i>Salmonella</i> H (b)	R30160301
<i>Salmonella</i> H (c)	R30160401
<i>Salmonella</i> H (d)	R30160501
<i>Salmonella</i> H (eh)	R30160701
<i>Salmonella</i> H (enx)	R30160801
<i>Salmonella</i> H (f, g)	R30161101
<i>Salmonella</i> H (gm)	R30161201
<i>Salmonella</i> H (i)	R30161601
<i>Salmonella</i> H (r)	R30162201
<i>Salmonella</i> H (y)	R30162301
<i>Salmonella</i> H Rapid Diagnostic 1 (b, d, E, r)	R30959801
<i>Salmonella</i> H Rapid Diagnostic 2 (b, E, k, L)	R30959901
<i>Salmonella</i> H Rapid Diagnostic 3 (d, E, G, k)	R30160101

### **Salmonella O Agglutinating Sera**

Agglutinating sera for identification of somatic O antigens of *Salmonella* strains by slide and/or tube agglutination tests

<i>Salmonella</i> O Polyvalent (Group A - G)	R30858101
<i>Salmonella</i> O Polyvalent (Group A - S)	R30858201
<i>Salmonella</i> O Factor 2 (Group A)	R30956701
<i>Salmonella</i> O Factors 3,10,15,19 (Group E)	R30956801
<i>Salmonella</i> O Factor 4 (Group B)	R30956901
<i>Salmonella</i> O Factor 5 (Group B)	R30957001
<i>Salmonella</i> O Factor 6,7 (Group C1)	R30957101
<i>Salmonella</i> O Factor 8 (Group C2)	R30957201
<i>Salmonella</i> O Factor 9 (Group D)	R30957301
<i>Salmonella</i> O Factor 10 (Group E1)	R30957501
<i>Salmonella</i> O Factor 11 (Group F)	R30957601
<i>Salmonella</i> O Factor 13, 22 (Group G)	R30957701
<i>Salmonella</i> O Factor 14 (Group H)	R30957801
<i>Salmonella</i> O Factor 15 (Group E2)	R30957901
<i>Salmonella</i> O Factor 16 (Group I)	R30958001
<i>Salmonella</i> O Factor 19 (Group E4)	R30958301
<i>Salmonella</i> O Factor 27 (Group B)	R30958601
<i>Salmonella</i> O Factor 39 (Group Q)	R30959101
<i>Salmonella</i> O/i	R30957401

### **Shigella Agglutinating Sera**

Agglutinating sera for identification of *Shigella* cultures by rapid slide agglutination tests

<i>Shigella boydii</i> Polyvalent 1 (1 to 6)	R30163901
<i>Shigella boydii</i> Polyvalent 2 (7 to 11)	R30164001
<i>Shigella boydii</i> Polyvalent 3 (12 to 15)	R30164101
<i>Shigella dysenteriae</i> Polyvalent (1-10)	R30163701
<i>Shigella flexneri</i> Polyvalent (1 to 6, X & Y)	R30163801
<i>Shigella sonnei</i> Phases 1 & 2	R30164201

### Vibrio cholerae Agglutinating Sera

Agglutinating sera for identification of *Vibrio cholerae* by slide and/or tube agglutination tests

<i>Vibrio cholerae</i> Polyvalent	1	R30165001
<i>Vibrio cholerae</i> Inaba	1	R30165101
<i>Vibrio cholerae</i> Ogawa	1	R30165201

### Stained Suspensions

Stained Suspensions are packaged 5mL/vial

#### Brucella

Stained suspensions of febrile antigen for detection, identification and quantification of specific antibodies to *Brucella* in sera

<i>Brucella abortus</i>	1	R30855501
<i>Brucella melitensis</i>	1	R30953501
Febrile Negative Control for use with all stained suspensions	2mL	R30165401

#### Proteus

Stained suspensions of febrile antigen for detection, identification and quantification of rickettsial antibodies in sera (somatic antigens of some strains of *Proteus* are shared with some *Rickettsia* spp.)

Proteus OX2	1	R30953601
Proteus OX19	1	R30953701
Proteus OXK	1	R30953801
Febrile Negative Control for use with all stained suspensions	2mL	R30165401



### Salmonella

Stained suspensions of febrile antigen for detection, identification and quantification of specific antibodies to *Salmonella* in sera

<i>Salmonella Enteritidis</i> H (g,m)	1	R30952901
<i>Salmonella</i> Paratyphi A-H (a)	1	R30855101
<i>Salmonella</i> Paratyphi A-O (1,2,12)	1	R30953301
<i>Salmonella</i> Paratyphi B-H (b)	1	R30855201
<i>Salmonella</i> Paratyphi B-O (1,4,5,12)	1	R30855401
<i>Salmonella</i> Paratyphi C-H (c)	1	R30952801
<i>Salmonella</i> Paratyphi C-O (6,7)	1	R30953401
<i>Salmonella</i> Typhi H (d)	1	R30855001
<i>Salmonella</i> Typhi O (Group D) (9,12)	1	R30855301
<i>Salmonella</i> Typhi Vi	1	R30953901
<i>Salmonella</i> Typhimurium H (i)	1	R30953101
Febrile Negative Control for use with all stained suspensions	2mL	R30165401
Febrile Positive Control for use with <i>Salmonella</i> stained suspensions, groups a, b, c, d	2mL	R30165301

## Blood and Serum Tests

Blood and serum tests should be stored at 2–8°C.

### Coagulation and Serological Tests

#### Thermo Scientific™ Thrombo-Wellcotest™ Test Kit

Semiquantitative latex test for detection of fibrin and fibrinogen degradation products in serum and urine

20 tests	R30852601
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#### Thrombo-Wellcotest Collection Tubes

For use with Thrombo-Wellcotest kit

100 tubes	R30853001
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#### Thrombo-Wellcotest Glycine Saline Buffer

For use with Thrombo-Wellcotest kit

100mL	R30853101
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#### Thrombo-Wellcotest Latex

For use with Thrombo-Wellcotest kit

3mL	R30852301
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#### Thymune-M Haemagglutination

A microwell test for semiquantitation of thyroid microsomal antibodies in serum

50 tests	R30850501
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#### Thymune-T Haemagglutination

A microwell test for semiquantitation of thyroglobulin antibodies in serum

50 tests	R30850601
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### Other

#### Purified Phytohaemagglutinin

**PHA Purified**  
used to stimulate mitotic division of lymphocytes maintained in a cell culture and facilitate cytogenetic studies of chromosomes

2mg	R30852801
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**PHA Reagent Grade**  
used to stimulate mitotic division of lymphocytes maintained in a cell culture and facilitate cytogenetic studies of chromosomes

45mg	R30852701
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# Diagnostics

## Blood and Serum Tests, Toxin Detection Kits, Agglutination Tests

### Thermo Scientific™ Oxoid™ Toxin Detection Kits

Toxin detection tests should be stored at 2–8°C.

#### Oxoid BCET-RPLA Toxin Detection Kit

For the detection of *Bacillus cereus* enterotoxin (diarrhoeal type) by reversed passive latex agglutination

20 tests		TD0950A
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#### Oxoid PET-RPLA Toxin Detection Kit

For the detection of *Clostridium perfringens* enterotoxin by reversed passive latex agglutination

20 tests		TD0930A
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#### Oxoid SET-RPLA Toxin Detection Kit

For the detection of staphylococcal enterotoxins by reversed passive latex agglutination

20 tests		TD0900A
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#### Oxoid TST-RPLA Toxin Detection Kit

For the detection of staphylococcal toxic-shock syndrome toxin (TST) by reversed passive latex agglutination

20 tests		TD0940A
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#### Oxoid VET-RPLA Toxin Detection Kit

For the detection of *Escherichia coli* heat-labile enterotoxin and *Vibrio cholerae* enterotoxin by reversed passive latex agglutination

20 tests		TD0920A
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#### Oxoid VTEC-RPLA Toxin Detection Kit

For the detection of verocytotoxins VT1 and VT2 produced by *E. coli* cultured from food and faecal samples by reversed passive latex agglutination

20 tests		TD0960A
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### Thermo Scientific™ ProSpecT™ *C. difficile* Toxin A/B Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *Clostridium difficile* Toxin A/B in fresh, frozen or Cary-Blair preserved faecal specimens

96 wells		R244596
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### ProSpecT Shiga Toxin *E. coli* Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *E. coli* shiga Toxin 1 and 2 in fresh or preserved faecal specimens

96 wells		R2474096
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### Thermo Scientific™ Xpect™ *C. difficile* Toxin A/B Test

A rapid, chromatographic immunoassay for the direct, qualitative detection of *Clostridium difficile* Toxin A &/or B in faecal specimen

20 tests		R24650
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## Agglutination Tests

Latex and other agglutination tests for identification and differentiation of micro-organisms. Thermo Scientific™ Dryspot™ products are stored at 2–25°C; other agglutination tests should be stored at 2–8°C.

### Bacterial Antigen Test

#### Thermo Scientific™ Wellcogen™ Bacterial Antigen Kit

A rapid latex agglutination test for direct detection of antigens in body fluids: Group B streptococci; *H. influenzae* type b; *S. pneumoniae*; *N. meningitidis* groups

30 tests		R30859602
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### Wellcogen Bacterial Antigen Kit Components and Accessories

**Wellcogen Haemophilus influenzae b Test Kit**  
for direct detection of Haemophilus influenzae type b antigens present in body fluids or blood cultures

30 tests		R30858801
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**Wellcogen Neisseria meningitidis A,C,Y,W135 Test Kit**  
for direct detection of Neisseria meningitidis groups A, C, Y, W 135 antigens present in body fluids or blood cultures

30 tests		R30859203
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**Wellcogen Neisseria meningitidis B/E. coli K1**  
for direct detection of Neisseria meningitidis group B antigens or E. coli K1 antigens present in body fluids, blood cultures or on culture media

30 tests		R30859502
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**Wellcogen Strep B Rapid Latex Agglutination Test**  
for direct detection of antigens to Group B streptococci present in body fluids or blood cultures

30 tests		R30858701
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**Wellcogen Streptococcus pneumoniae Test Kit**  
for direct detection of Streptococcus pneumoniae capsular antigens present in body fluids or blood cultures

30 tests		R30859001
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**Streptex/Wellcogen Disposable Cards**

50 slides		R30368601
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**Wellcogen EDTA Solution (0.1M)**  
for treatment of serum samples to be tested using Wellcogen kits

10mL		R30164501
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### Campylobacter

#### Campylobacter Test

For the identification of enteropathogenic *Campylobacter* spp. from selective media

50 tests		DR0155M
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### *Clostridium difficile*

#### Oxoid *C. difficile* Test Kit

A rapid test for the identification of *Clostridium difficile*

50 tests		DR1107A
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## Cryptococcus

### Cryptococcus Test Kit

For quantitative or semiquantitative detection of polysaccharide antigens associated with *Cryptococcus neoformans* infection in serum or CSF

50 tests	R30851501
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## Enterohaemorrhagic *E. coli*

### Thermo Scientific™ DrySpot™ *E. coli* O157

For the identification of *E. coli* serogroup O157

120 tests	DR0120M
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### Oxoid *Escherichia coli* O157 Latex Test

For the identification of *E. coli* serogroup O157

100 tests	DR0620M
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### Wellcolex *E. coli* O157 Kit

For the identification of *E. coli* serogroup O157

50 tests	R30959501
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### RIM™ *E. coli* O157:H7 Kit

For the identification of *E. coli* serotypes O157 and H7

50 tests	R24250
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## Wellcolex Accessories

Wellcolex Disposable Cards

50 cards	R30368701
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## *Haemophilus influenzae*

See Wellcogen Bacterial Antigen Kit

## Infectious mononucleosis

### Oxoid Infectious Mononucleosis Test

For detection of infectious mononucleosis heterophile antibodies in serum and in plasma

100 tests	DR0780M
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## Legionella

### DrySpot Legionella Kits

Latex agglutination kits for the differentiation of predominant Legionella serogroups

<b>DrySpot Legionella Pneumophila Serogroup 1 Kit</b>	
60 tests	DR0200M
<b>DrySpot Legionella Pneumophila Serogroups 2–14 Kit</b>	
60 tests	DR0210M
<b>DrySpot Legionella Species Kit</b>	
60 tests	DR0220M

### Oxoid Legionella Latex Test

For the differentiation of predominant *Legionella* serogroups grown on selective media

50 tests	DR0800M
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## Supplementary Reagents for the Oxoid Legionella Latex Test

<b>Legionella Pneumophila Serogroup 1</b>	
50 tests	DR0801M
<b>Legionella Pneumophila Serogroups 2–14</b>	
50 tests	DR0802M
<b>Legionella Species Test Reagent</b>	
50 tests	DR0803M

## Listeria

### Oxoid Listeria Test Kit

A rapid latex agglutination test for the presumptive identification of *Listeria* spp.

100 tests	DR1126A
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## Meningitis

See Wellcogen Bacterial Antigen Kit

## Salmonella

### Oxoid Salmonella Test Kit

A rapid latex agglutination test for the presumptive identification of *Salmonella* spp.

100 tests	DR1108A
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### Wellcolex Colour Salmonella Kit

A rapid latex agglutination test for detection and presumptive serogrouping of Salmonella from Selenite Broth and/or solid culture media

50 tests	R30858301
200 tests	R30858302

## Shigella

### Wellcolex Colour Shigella Kit

A rapid latex agglutination test for detection and species identification of Shigella from solid culture media

50 tests	R30858401
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## Staphylococcus and MRSA

### Thermo Scientific™ BactiStaph™ Tests

For detection of clumping factor and protein A in identification of *Staphylococcus aureus*

150 tests	R21144
450 tests	R21143

### Coagulase Plasma (lyophilized)

For detection of coagulase enzyme in staphylococci

5mL	R21050
15mL	R21051
25mL	R21052
6x5mL	R21060

### DrySpot Staphytest Plus

A latex kit for identification of *S. aureus*

120 tests	DR0100M
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### Oxoid PBP2' Test

A latex agglutination test for the detection of penicillin binding protein 2' (PBP2') in isolates of *S. aureus* as an aid in identifying MRSA

50 tests	DR0900A
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\*Product is not a stock item, minimum order and lead times may apply. Please contact your Customer Services Administrator for details.

Not all products available in all territories. Please contact your local office for details.

### Thermo Scientific™ Staphaurex™ Latex Agglutination Test

White latex particle coated with human fibrinogen, for detecting clumping factor, and specific IgG, for detection of protein A, for identification of *S. aureus*

120 tests	R30859901
400 tests	R30859902

### Staphaurex Plus

Yellow latex particle coated with human fibrinogen, for detecting clumping factor, and specific IgG, for detection of protein A, and surface antigens characteristic of MRSA and MSSA

150 tests	R30950102
450 tests	R30950201

### Staphaurex Accessories

Staphaurex Disposable Cards for use with Staphaurex or Staphaurex Plus	
50 cards	R30369001

### Staphylase Test

A rapid test kit for the identification of *S. aureus*

100 tests	DR0595A
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### Thermo Scientific™ Staphytect™ Plus Test

A rapid latex test for the identification of *S. aureus*

100 tests	DR0850M
500 tests	DR0850B

### Streptococcus Group B

See Wellcogen Bacterial Antigen Kit



### Streptococcus

#### Oxid Streptococcal Grouping Kit

A rapid latex agglutination test for the identification of streptococcal groups A, B, C, D, F and G

50 tests	DR0585A
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#### Oxid Streptococcal Grouping Kit: Supplementary Reagents

Extraction Enzyme	
2 vials	DR0593G
Streptococcal Grouping Reagent A	
50 tests	DR0586G
Streptococcal Grouping Reagent B	
50 tests	DR0587G
Streptococcal Grouping Reagent C	
50 tests	DR0588G
Streptococcal Grouping Reagent D	
50 tests	DR0589G
Streptococcal Grouping Reagent F	
50 tests	DR0590G

Streptococcal Grouping Reagent G	
50 tests	DR0591G
Polyvalent Positive Control	
50 tests	DR0592G
Disposable Reaction Cards	
50 cards	DR0500G

### Thermo Scientific™ PathoDx™ Strep Grouping Kit

A latex agglutination assay for the identification of  $\beta$ -haemolytic streptococci of Lancefield groups A, B, C, F, and G from primary culture plates or pure culture from broth

60 tests	R62025
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### PathoDx Strep Grouping Accessories

PathoDx Strep Grouping Universal Kit for use with PathoDx Strep A, B, C, F and G Group Latexes	
60 tests	R62076
PathoDx Strep Grouping Positive Control	
3mL	R24042
PathoDx Strep A Group Latex	
3mL	R62030
PathoDx Strep B Group Latex	
3mL	R62031
PathoDx Strep C Group Latex	
3mL	R62032
PathoDx Strep F Group Latex	
3mL	R62034
PathoDx Strep G Group Latex	
3mL	R62035

### PathoDx Extraction Reagents

For use with PathoDx Strep Grouping Kit

PathoDx Extraction Reagent 1	
7mL	R62050
14mL	R62052
PathoDx Extraction Reagent 2	
7mL	R62055
14mL	R62057
PathoDx Extraction Reagent 3	
14mL	R62060

### PathoDxtra Strep Grouping Kit

A rapid latex agglutination test for identification of  $\beta$ -haemolytic streptococci of Lancefield Groups A, B, C, D, F and G from primary culture plates

PathoDxtra Strep Grouping Kit	
60 tests	DR0700M
PathoDxtra Strep Group A Latex	
60 tests	DR0701G
PathoDxtra Strep Group B Latex	
60 tests	DR0702G
PathoDxtra Strep Group C Latex	
60 tests	DR0703G
PathoDxtra Strep Group D Latex	
60 tests	DR0704G
PathoDxtra Strep Group F Latex	
60 tests	DR0705G
PathoDxtra Strep Group G Latex	
60 tests	DR0706G
PathoDxtra Polyvalent Positive Control	
2.8mL	DR0707G



**PathoDxtra Extraction Reagents**  
1 x reagent 1 (4mL), 1 x reagent 2 (4mL), 2 x reagent 3 (10mL)  
for use with PathoDxtra Strep Grouping Kit

DR0709M

**PathoDxtra Strep Grouping Reagent Set**  
1 x reagent 1 (4mL), 1 x reagent 2 (4mL), 1 x reagent 3 (10mL), Polyvalent  
positive control, mixing sticks and reaction cards

60 tests DR0710M

**PathoDxtra Reaction Cards**

50 cards DR0720G

### Thermo Scientific™ Streptex™ Latex Agglutination Test

For identification of Lancefield Groups A, B, C, D, F and G streptococci, using enzyme extraction

50 tests	R30950501
200 tests	R30164701

### Streptex Rapid Latex Agglutination Test

For identification of Lancefield Groups A, B, C, F and G, using acid extraction

50 tests	R30950555
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### Streptex Accessories

**Streptex/Wellcogen Disposable Cards**

50 slides R30368601

**Streptex Extraction Enzyme**

25 tests R30951001

**Streptex Acid Extraction Kit. Extraction reagent 1, Extraction reagent 2, Extraction reagent 3, Reaction tubes, pipettes and mixing sticks**

50 tests R30951301

**Streptex Latex Group A**

50 tests R30950601

**Streptex Latex Group B**

50 tests R30950701

**Streptex Latex Group C**

50 tests R30950801

**Streptex Latex Group D**

50 tests R30950901

**Streptex Latex Group F**

50 tests R30951101

**Streptex Latex Group G**

50 tests R30951201

**Streptex Positive Control Polyvalent Control**

2mL R30164601

### *Streptococcus pneumoniae*

See also Wellcogen Bacterial Antigen Testing

### DrySpot Pneumo Kit

A latex agglutination assay for confirmation of *Streptococcus pneumoniae* from culture plates or positive blood cultures

60 tests	DR0420M
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## Enzyme Immunoassays

Enzyme immunoassays should be stored at 2–8°C.

### Gastroenteritis: Bacterial

#### Thermo Scientific™ IDEIA™ Amplified Hp StAR™ Assay

For detection of *Helicobacter pylori* antigen in human stool samples; may be used to diagnose infection, monitor treatment or confirm eradication

96 wells	K663011-2
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### ProSpecT Campylobacter Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *Campylobacter* specific antigen in fresh or preserved faecal specimens

96 wells	R2476096
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### ProSpecT C. difficile Toxin A/B Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *Clostridium difficile* Toxin A/B in fresh, frozen or Cary-Blair preserved faecal specimens

96 wells	R244596
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### ProSpecT Shiga Toxin E. coli Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *E. coli* shiga Toxin 1 and 2 in fresh or preserved faecal specimens

96 wells	R2474096
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### Gastroenteritis: Viral

#### IDEIA Norovirus

A qualitative EIA for direct detection of Norovirus antigen in human faecal specimens

96 wells	K604411-2
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### ProSpecT Adenovirus Microplate Assay

A direct, qualitative enzyme immunoassay for detection of Adenovirus specific antigen in faecal specimens

96 wells	R240096
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### ProSpecT Rotavirus Microplate Assay

A direct enzyme immunoassay for detection of Rotavirus in faecal specimens

96 wells	R240396
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### Lyme Disease

#### IDEIA Lyme Neuroborreliosis

For detection of intrathecally produced human IgG and IgM antibodies to *Borrelia burgdorferi* in paired CSF and serum samples

96 wells	K602811-2
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### Parasitology

#### ProSpecT Cryptosporidium Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *Cryptosporidium* specific antigens in fresh or preserved faecal specimens

96 wells	R2454096
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#### ProSpecT Entamoeba histolytica Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *E. histolytica* specific antigen in fresh faecal specimens

96 wells	R2456096
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#### ProSpecT Giardia/Cryptosporidium Microplate Assay

A direct, qualitative enzyme immunoassay for simultaneous detection of *Giardia* and *Cryptosporidium* specific antigen in fresh or preserved faecal specimens

96 wells	R2458496
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### ProSpecT Giardia EZ Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *Giardia* specific antigen in fresh or preserved faecal specimens

96 wells	R2458596
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### ProSpecT Giardia Microplate Assay

A direct, qualitative enzyme immunoassay for detection of *Giardia* specific antigen in fresh or preserved faecal specimens

96 wells	R2458096
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### Veterinary Use

#### Mycoplasma hyopneumoniae ELISA Kit

For detection of antibodies to *Mycoplasma hyopneumoniae* in porcine serum or colostrum

96 wells	K004311-9
960 wells	K004321-9

#### Pasteurella multocida Toxin ELISA Kit

A double antibody sandwich EIA for detection of toxigenic *Pasteurella multocida* in extracts of primary mixed bacterial cultures of nasal swabs taken from pigs

96 wells	K000911-9
960 wells	K000921-9

Accessory Reagents for PMT Serology reagents required to convert *Pasteurella multocida* Toxin ELISA from a bacterial assay to a serological assay

96 tests	K003811-9
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## ELISA Accessories

### IDEIA Wash Buffer

A x25 concentrated buffer solution for use with Thermo Scientific™ IDEIA™ Amplified Hp StAR™ (K663011-1), IDEIA Norovirus (K604411-2), IDEIA Lyme Neuroborreliosis (K602811-2), IDEIA Borrelia burgdorferi IgG (K602911-2), IDEIA Borrelia burgdorferi IgM (K603011-2), Pasteurella multocida ELISA Kit (K000911-9) and Mycoplasma hyopneumoniae ELISA kit (K004311-9)

50mL	S612630-2
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### ProSpecT Microplate Wash Buffer

A x10 concentrated buffer solution for use in the wash procedure of the Thermo Scientific™ ProSpecT™ Microplate Assay range except ProSpecT Shiga Toxin E.coli (STEC) (R2474096)

1L	R2450001
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### ProSpecT Microplate Wash Buffer

A x10 concentrated buffer solution for use in the wash procedure of ProSpecT Shiga Toxin E.coli (STEC) Microplate Assays (R2474096)

110mL	R2450002
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## Food Allergen ELISA Assays

ELISA Systems™ kits are a comprehensive range of microwell ELISA assays for detecting and quantifying allergen proteins and residues in food and swab samples.

### ELISA Assay Kits

Each kit contains 48 antibody-coated microwells, extraction solution, wash solution, conjugate, substrate, stop solution, controls, microwell holder, certificate of analysis and instructions.

<b>Almond Residue Detection Kit (ELISA Systems code ESARD-48)</b>	
48 wells	ESARD-48
<b>Buckwheat Residue Detection Kit (ELISA Systems code ESBWPRD-48)</b>	
48 wells	ESBWPRD
<b>Casein Residue Detection Kit (ELISA Systems code ESCASPRD)</b>	
48 wells	ESCASPRD
<b>Crustacean Residue Detection Kit (ELISA Systems code ESCRURD-48)</b>	
48 wells	ESCRURD
<b>Egg Residue Detection Kit (ELISA Systems code ESERD-48)</b>	
48 wells	ESERD-48
<b>Enhanced Egg Residue Detection Kit (ELISA Systems code ESEGG-48)</b>	
48 wells	ESEGG-48
<b>Gliadin Residue Detection Kit (ELISA Systems code ESGLISS-48)</b>	
48 wells	ESGLISS-48
<b>Hazelnut Residue Detection Kit (ELISA Systems code ESHRD-48)</b>	
48 wells	ESHRD-48
<b>Lupin Residue Detection Kit (ELISA Systems code ESLFP-48)</b>	
48 wells	ESLFP-48
<b>Milk (β-Lactoglobulin) Residue Detection Kit (ELISA Systems code ESMRDLG-48)</b>	
48 wells	ESMRDLG
<b>Mustard Seed Protein Residue Detection Kit (ELISA Systems code ESMUS-48)</b>	
48 wells	ESMUS
<b>Peanut Residue (Sensitive) Detection Kit (ELISA Systems™ code ESPRDS-48)</b>	
48 wells	ESPRDS-48
<b>Sesame Seed Protein residue Kit (ELISA Systems code ESSESE-48)</b>	
48 wells	ESSESE-48
<b>Soy Protein Residue Detection Kit (ELISA Systems code ESSOYPRD-48)</b>	
48 wells	ESSOYPRD
<b>Total Milk Residue Assay (ELISA Systems code ESTMLK-48)</b>	
48 tests	ESTMLK-48

### Swab Sampling Kit

Use with ELISA Systems allergen assays for environmental sampling. Each kit contains 10 sterile swabs, 10 vials of sterile swab wetting solution and instructions.

<b>Food Allergen Swab Kit (ELISA Systems code ESSWB-10)</b>	
10 swabs	ESSWB-10

### Allergen Testing Sundry Items

Top-up concentrates for use with ELISA Systems allergen assays

<b>Extraction Solution (Standard) 20x concentrate (ELISA Systems code ESEXT)</b>		
25mL	20x conc.	ESEXT
<b>Extraction Solution (Polyphenol) 20x concentrate (ELISA Systems code ESADDSOL)</b>		
25mL	20x conc.	ESADDSOL
<b>Wash Solution 20x concentrate (ELISA Systems code ESWASH)</b>		
25mL	20x conc.	ESWASH

## Immunofluorescence Assays



Immunofluorescence assays should be stored at 2–8°C.

### Respiratory Viral Infections

#### Thermo Scientific™ IMAGEN™ Adenovirus Test

A qualitative immunofluorescence test for direct detection of Adenovirus in respiratory secretions and ophthalmic specimens, as well as detection and confirmation of Adenovirus in cell culture

50 tests	K610011-2
<b>IMAGEN Adenovirus Positive Control Slide</b>	
each	S611330-2

#### IMAGEN Human Metapneumovirus (hMPV)

A qualitative immunofluorescence test for direct detection of hMPV in respiratory specimens

50 tests	K612511-2
<b>IMAGEN hMPV Positive Control Slide</b>	
each	S612830-2

#### IMAGEN Influenza Virus A and B

A qualitative immunofluorescence test for direct detection and differentiation of Influenza A virus and Influenza B virus in respiratory specimens and cell culture

50 tests	K610511-2
<b>IMAGEN Influenza Virus A and B Positive Control Slide</b>	
each	S611230-2

#### IMAGEN Parainfluenza Virus Group

A qualitative immunofluorescence test for direct detection and confirmation of Parainfluenza virus antigens in respiratory specimens and cell culture

50 tests	K610311-2
<b>IMAGEN Parainfluenza Virus Positive Control Slide</b>	
each	S611130-2

#### IMAGEN Parainfluenza Virus Typing

A qualitative immunofluorescence test for direct detection and differentiation of Parainfluenza virus types 1, 2 and 3 antigens in respiratory specimens and cell culture

50 tests	K610411-2
<b>IMAGEN Parainfluenza Virus Positive Control Slide</b>	
each	S611130-2

#### IMAGEN Respiratory Screen

A qualitative, indirect immunofluorescence test for presumptive detection of Respiratory Syncytial Virus, Influenza A and B virus, Parainfluenza virus types 1, 2 and 3 and Adenovirus

100 tests	K612011-2
<b>IMAGEN Respiratory Screen Positive Control Slide</b>	
each	S612130-2

#### IMAGEN Respiratory Syncytial Virus (RSV)

A qualitative immunofluorescence test for direct detection of RSV in respiratory specimens and cell culture

50 tests	K610211-2
<b>IMAGEN Respiratory Syncytial Virus Positive and Negative Control Slides</b>	
each	S610830-2

#### IMAGEN Teflon™-Coated Slides

100 slides	S611430-6
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#### Thermo Scientific™ PathoDx™ RSV Kit

An immunofluorescent test for detecting RSV

100 tests	R62370
<b>PathoDx RSV Control Slides for use with PathoDx RSV Kit</b>	
5 slides	R62375

#### PathoDx Respiratory Virus Panel

An immunofluorescent assay for detection of Influenza A and B, Adenovirus, Parainfluenza 1, 2, and 3 and Respiratory Syncytial Virus (RSV)

200 Tests	R62400
<b>PathoDx Respiratory Virus Panel Control Slides</b>	
5 slides	R62414
<b>PathoDx Adenovirus Reagent</b>	
2mL	R62407
<b>PathoDx Respiratory Virus Panel Mounting Fluid</b>	
15mL	R62413

### Sexually Transmitted Diseases

#### IMAGEN Chlamydia Kit

A qualitative, direct immunofluorescence test for detection of *Chlamydia* antigen

50 tests	K610111-2
<b>IMAGEN Chlamydia Collection Pack</b>	
20 kits	S610730-2
<b>IMAGEN Chlamydia Positive Control Slide</b>	
each	S610930-2

#### PathoDx Chlamydia Culture Confirmation Kit

An immunofluorescence test specific for the detection and identification of all *Chlamydia* spp. from culture

100 tests	R62210
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#### PathoDx Chlamydia Trachomatis FA Direct Test Kit

An immunofluorescence test specific for the detection of *Chlamydia trachomatis* from urethral and endocervical specimens. 15 minute test

100 tests	R62220
<b>PathoDx Chlamydia Control slide for use with <i>Chlamydia</i> direct immunofluorescent assays. Each slide has 2 wells: 1 positive and 1 negative</b>	
5 slides	R62205

#### IMAGEN Herpes Simplex Virus (HSV) Kit

A qualitative, direct immunofluorescence test for identification and differentiation of HSV1 and HSV2 in cell culture

50 tests	K610611-2
<b>IMAGEN HSV Positive Control Slide</b>	
each	S611030-2

### PathoDx Herpes Typing Kit

An immunofluorescent assay for the detection and typing of Herpes Simplex Virus Types I and II

100 tests	R62250
<b>PathoDx Herpes Typing Control Slides</b>	
5 Slides	R62251

### Lateral Flow Assays

Lateral flow assays should be stored at 2–8°C, unless otherwise stated.

#### RAPID Hp StAR

An amplified immunochromatographic assay for direct detection of *Helicobacter pylori* antigen in faecal samples, to diagnose infection or confirm eradication

20 tests	K671411-2
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#### Xpect C. difficile Toxin A/B Test

A rapid, chromatographic immunoassay for the direct, qualitative detection of *Clostridium difficile* Toxin A &/or B in faecal specimen

20 tests	R24650
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#### Xpect Cryptosporidium Test

A rapid, chromatographic immunoassay for the direct, qualitative detection of *Cryptosporidium* antigens in fresh, frozen or preserved faecal specimens

20 tests	R2451020
<b>Xpect Cryptosporidium Control for the Xpect Cryptosporidium or Xpect Giardia/Cryptosporidium Test Kits; contains 1 positive and 1 negative vial</b>	
2 vials	R2451030

#### Xpect Flu A & B Test

A rapid, chromatographic immunoassay for the direct, qualitative detection of Influenza A and Influenza B viral antigens in respiratory specimens

20 tests	R24600
<b>Xpect Flu A &amp; B Control Swabs includes 20 Flu A swabs and 20 Flu B swabs</b>	
20 tests	R246003

#### Xpect Giardia Test

A rapid, chromatographic immunoassay for the direct, qualitative detection of *Giardia* antigens in fresh, frozen or preserved faecal specimens

20 tests	R2450020
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#### Xpect Giardia/Cryptosporidium Test

A rapid chromatographic immunoassay for the direct, qualitative detection of *Giardia* and *Cryptosporidium* antigens in fresh, frozen or preserved faecal specimens

20 tests	R2450520
<b>Xpect Giardia/Cryptosporidium Control Kit for the Xpect Cryptosporidium, Xpect Giardia or Xpect Giardia/Cryptosporidium Test Kits; contains 1 Giardia positive, 1 Cryptosporidium positive and 1 negative vial</b>	
3 vials	R2450530

#### Xpect Legionella Test

A rapid, chromatographic immunoassay for the direct detection of *L. pneumophila* antigen in urine samples; store at 2–30°C

20 tests	R24680
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### Xpect Rotavirus Test

A rapid chromatographic immunoassay for qualitative detection of rotavirus antigen in faecal samples

20 tests	R24655
<b>Xpect Rotavirus Control Kit contains 1 negative and 1 positive control</b>	
2 vials	R246551

### Xpect RSV Test

A rapid, chromatographic immunoassay for the direct, qualitative detection of Respiratory Syncytial Virus (RSV) directly from nasopharyngeal specimens in neonatal and paediatric patients

30 tests	R24601
<b>Xpect RSV Control Kit contains 1 negative and 1 positive control</b>	
2 vials	R246012



## Reagents and Stains

### Reagents

#### Thermo Scientific™ BactiDrop™ Reagents

Thermo Scientific BactiDrop Reagents and Stains are presented in crushable ampoules encased in protective plastic sheaths with convenient dropper dispenser tips; store at 20–25°C.

<b>BactiDrop Desoxycholate (10%) for bile solubility reaction</b>	
50 amp.	R21508
<b>BactiDrop Ferric Chloride (10%) for detection of phenylalanine deamination</b>	
50 amp.	R21514
<b>BactiDrop Indole Kovacs for detection of the ability to split indole from the tryptophan molecule; for use with Indole broth</b>	
50 amp.	R21522
<b>BactiDrop Nitrate A to test for the ability to reduce nitrate to nitrite or free nitrogen gas, in conjunction with Nitrate Reagent B</b>	
50 amp.	R21536
<b>BactiDrop Nitrate B to test for the ability to reduce nitrate to nitrite or free nitrogen gas, in conjunction with Nitrate Reagent A</b>	
50 amp.	R21538
<b>BactiDrop Oxidase to test for the presence of the oxidase enzyme</b>	
50 amp.	R21540
<b>BactiDrop Potassium Hydroxide (10%) for preparation of clinical specimens for microscopic examination of fungal elements</b>	
50 amp.	R21524
<b>BactiDrop PYR for rapid, presumptive identification of Group B streptococci and enterococci; use with PYR/Esculin disc* - see page 57</b>	
50 amp.	R21544
<b>BactiDrop Spot Indole (DMAC) to test for the ability to split indole from the tryptophan molecule, by the spot test method</b>	
50 amp.	R21550

### Microbact Reagents

Store at 2–8°C.

<b>Microbact Reagent Indole Kovacs</b>	
10mL	MB0209A
<b>Microbact Reagent Spot Indole DMACA</b>	
10mL	MB1448A

### Other Reagents

Store at 2–8°C; unless otherwise stated.

<b>Ninhydrin Reagent</b> detects sodium hippurate hydrolysis; use with Hippurate disc - see page 56	
25mL	R21238
<b>Nitrate Reagent A for AFB*</b> use in conjunction with Nitrate Reagent B for AFB	
25mL	R21243
<b>Nitrate Reagent B for AFB*</b> use in conjunction with Nitrate Reagent A for AFB	
25mL	R21244
<b>Spot Indole Reagent*</b> p-dimethylaminocinnamaldehyde (DMACA); for detection of the ability to split indole from the tryptophan molecule; store at 2–30°C	
25mL	R21245

### Stains

#### BactiDrop Stains

Store ampoules at 20–25°C; unless otherwise stated.

<b>BactiDrop Acridine Orange</b> a fluorescent stain for detecting bacteria in body fluids	
50 amp.	R21502
<b>BactiDrop Calcofluor White</b> a fluorescent stain for fungi, <i>Microsporidium</i> , <i>Acanthamoeba</i> and <i>Pneumocystis</i> ; store at 15–30°C	
50 amp.	R21507
<b>BactiDrop Dobell &amp; O'Connor Iodine</b> for staining protozoa	
50 amp.	R21510
<b>BactiDrop India Ink</b> for staining encapsulated microorganisms	
50 amp.	R21518
<b>BactiDrop Lactophenol Aniline Blue</b> for staining fungal elements	
50 amp.	R21526
<b>BactiDrop Lugol's Iodine</b> for trichrome stain procedure	
50 amp.	R21528

### Other Stains

Gram stains are stored at 15–30°C; other stains at 20–25°C.

<b>Gram Stain Kit</b> includes 1 each of crystal violet, decolorizer, iodine, safranin and a tray	
4x250mL	R40080
<b>Gram Crystal Violet</b>	
250mL	R40052
5x250mL	R40053
3.78 litres	R40073
<b>Gram Decolorizer</b>	
250mL	R40054
5x250mL	R40055
3.78 litres	R40075
<b>Gram Iodine</b>	
250mL	R40056
5x250mL	R40057
3.78 litres	R40077
<b>Gram Safranin</b>	
250mL	R40058
5x250mL	R40059
3.78 litres	R40079
<b>Gram Stain Kit Tray holds 4x250mL bottles</b>	
each	R40081

### Stain Controls

Store stain controls at 20–25°C.

<b>QC-Slide AFB Stain Control*</b> heat fixed quality control slide for acid-fast bacilli stain procedures	
10 slides	R40144
45 slides	R40146
<b>QC-Slide Gram Stain Control*</b> heat fixed quality control slide for Gram stain procedures	
10 slides	R40140
45 slides	R40142

### Laboratory Supplies

<b>Microbact Mineral Oil</b> Store at 10–30°C.	
50mL	MB1093A
<b>Polysorbate 80 Hydrolysis Substrate Concentrate</b> Store at 2–8°C.	
5mL	R21276

### Equivalence Turbidity Standards

Store at 20–25°C.

#### McFarland Equivalence Turbidity Standard Set\*

<b>1 each of 0.5, 1.0, 2.0, 3.0 and 4.0, with a visual comparison card to aid interpretation; tube dimensions 15x103mm</b>	
5 tubes	R20421

#### Individual McFarland Equivalence Turbidity Standard Tubes\*

<b>McFarland Equivalence Turbidity Standard 0.5*</b>	
each	R20410
<b>McFarland Equivalence Turbidity Standard 1.0*</b>	
each	R20411
<b>McFarland Equivalence Turbidity Standard 2.0*</b>	
each	R20412
<b>McFarland Equivalence Turbidity Standard 3.0*</b>	
each	R20413
<b>McFarland Equivalence Turbidity Standard 4.0*</b>	
each	R20414
<b>McFarland Equivalence Turbidity Standard 5.0*</b>	
each	R20415



## Sample Prep for Molecular and non-molecular workflows

Prepare even the most challenging samples with options to pool, clean, purify and automate your sample preparation for molecular detection and other techniques.

### Pathatrix

#### Applied Biosystems™ Pathatrix™ Auto System & Reagents

Item Number	Description
PTXAUTOINS	Pathatrix Auto Instrument
4480724	Lysis Buffer, FS
APE500SDP	Pathatrix 10 Pooling E. coli O157:H7 Kit
POOL1010MLN	Pathatrix 10 Pooling Kit
APS500P	Pathatrix 10 Pooling Salmonella spp. Kit
APDES250P	Pathatrix 5 Pooling Dual E. coli/Salmonella Kit
APE250SDP	Pathatrix 5 Pooling E. coli O157:H7 Kit
POOL510MLN	Pathatrix 5 Pooling Kit
APL250P	Pathatrix 5 Pooling Listeria spp. Kit
APS250P	Pathatrix 5 Pooling Salmonella spp. Kit
ACART5	Pathatrix Auto Cartridge
ACART	Pathatrix Auto Cartridge
ACARTHOLD	Pathatrix Auto Cartridge Holder
ACARTRACK	Pathatrix Auto Cartridge Rack
APCAT50	Pathatrix Cationic/General Viral Capture Kit
APSAK500P	Pathatrix Cronobacter spp. 10-Pooling Kit
APSAK250P	Pathatrix Cronobacter spp. 5-Pooling Kit
APSAK50	Pathatrix Cronobacter spp. Kit, same day
APD50	Pathatrix Dual (Listeria/Salmonella spp.) Kit
APE50SD	Pathatrix E. coli O157:H7 Kit, same day
ATUBERACK	Pathatrix Elution Vessel Holder
PFF	Pathatrix Foam Filters
APL50	Pathatrix Listeria spp. Kit
APS50	Pathatrix Salmonella spp. Kit
APS50SD	Pathatrix Salmonella spp. Kit - Same Day
ATUBEHOLD	Pathatrix Sample Vessel Holder
MAGNETICPLATE	Pathatrix Magnetic Capture Plate

### Dynabeads

#### Applied Biosystems™ & Invitrogen™ Dynabeads™ & KingFisher mL Products

Item Number	Description
71003-	Dynabeads anti-E. coli O157, 1mL
71004-	Dynabeads anti-E. coli O157, 5mL
71006-	Dynabeads anti-Listeria
71002-	Dynabeads anti-Salmonella
71011-	Dynabeads EPEC/VTEC O103
71009-	Dynabeads EPEC/VTEC O111
71007-	Dynabeads EPEC/VTEC O145
71013-	Dynabeads EPEC/VTEC O26
74003-	Dynabeads L10 Tubes
A10714	Dynabeads MAX E. coli O157 Kit, 1mL
A10715	Dynabeads MAX E. coli O157 Kit, 5mL
A14632	Dynabeads MAX EPEC/VTEC O121 Kit, 100 reactions
A14684	Dynabeads MAX EPEC/VTEC O121 Kit, 200 reactions
A14631	Dynabeads MAX EPEC/VTEC O45 Kit, 100 reactions
A14683	Dynabeads MAX EPEC/VTEC O45 Kit, 200 reactions
12001D	Dynabeads MPC™-1 (Magnetic Particle Concentrator)
A13346	Dynabeads MPC-S (Magnetic Particle Concentrator)
74004-	Dynabeads Spot-On™ Slides
15952-	BeadRetriever Tube Rack
5400050C	KingFisher mL Food Protection System

A32681	KingFisher Flex Purification System with Deep-Well Head
95040450	KingFisher Flex 96 Deep-Well Plate, 50/box
97002534	Tip Comp for KingFisher Flex Deep-Well Magnet, 100/box
97002540	KingFisher 96 200uL Plate, 48/box
15951-	KingFisher mL Tubes & Tips
12002D	MPC™-6 (Magnetic Particle Concentrator)
Contact your local MBD representative	

#### CONSUMABLES/ Sample Prep KITS

4466338	GMO Extraction Kit
A24401	Lysis Buffer 1 + RNase for Food ID
4480466	PrepSEQ Nucleic Acid Extraction Kit for Food and Environmental Testing - 100 reactions
4428176	PrepSEQ Nucleic Acid Extraction Kit for Food and Environmental Testing - 300 reactions

#### ADDITIONAL ACCESSORY

AM10050	Magnetic-Ring Stand (96 well)
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### PrepSEQ Rapid Spin

Applied Biosystems™ PrepSEQ™ Rapid Spin Sample Preparation Kit.

- Fast, efficient sample preparation for PCR-based assays
- Optimal performance on a wide range of sample types
- Simple protocol reduces time-to-results
- Microcentrifuge-based—no additional equipment required
- Ideal for low to medium sample throughput

Designed to be used with the Applied Biosystems™ MicroSEQ™ and Applied Biosystems™ TaqMan™ assays. Can be used with other kits.

Item Number	Description
4468304	PrepSEQ Rapid Spin Sample Prep Kit - Extra Clean & Bead Beating
4407760	PrepSEQ Rapid Spin Sample Preparation Kit
4413269	PrepSEQ Rapid Spin Sample Preparation Kit - Extra Clean
4426715	PrepSEQ Rapid Spin Sample Preparation Kit - Extra Clean with Proteinase K
4426714	PrepSEQ Rapid Spin Sample Preparation Kit with Proteinase K
4480715	Proteinase K, FS

## Food Molecular detection and quantification

A recently expanded range of market-leading molecular instrumentation and PCR technology for detection of food pathogens and other targets including pathogen serotypes, species identification and quantification and GMOs.

### Food Safety PCR System PCR Instrument

INSTRUMENT	
Laptop: A30299 Desktop: A30304	Applied Biosystems™ 7500 Fast Real-Time PCR System with Applied Biosystems™ RapidFinder™ Express Software Version 2.0 or later Contact your local MBD representative.
SOFTWARE	
A28811	RapidFinder Express Software Version 2.0 - Full Installation
ACCESSORIES	
A24820	Precision Plate Holder for 0.1 mL Tube Strips (for Applied Biosystems 7500 Fast System)
4330015	Applied Biosystems™ MicroAmp™ Cap Installing Tool
4358293	MicroAmp Fast 8-Tube Strip, 0.1 mL

PT0690	Precision Plate holder for MicroSEQ and SureTect Assays on Applied Biosystems 7500 Fast Instrument (to be used ONLY with PT0695 or PT0696)
PT0696	PCR carry plate for MicroSEQ Assays on Applied Biosystems 7500 Fast Instrument (to be used ONLY with PT0690)
4323032	MicroAmp Optical 8-Cap Strips

### QuantStudio™ 5 Real-Time PCR Instrument

INSTRUMENT	
A36320	Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System, 0.1 mL block, packaged laptop computer, RapidFinder Analysis Software v1.0 or later and USB flashdrive. Contact your local MBD representative for ordering and service warranty and value add service plans.
A36328	Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System 0.1 mL block, laptop computer, RapidFinder Analysis Software v1.0 or later and USB flashdrive. Contact your local MBD representative for ordering and service warranty and value add service plans.
A36329	Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System 0.1mL block. No Computer, No RapidFinder Analyzer v1.0 or later software and blank USB flashdrive. Contact your local MBD representative for ordering and service warranty and value add service plans.
A45218	Applied Biosystems QuantStudio™ 5 Spectral Calibration Plate (Cy@ 5.5 dye), 96-well 0.1mL
RapidFinder Analysis v1.0 / v1.1	
A34777	RapidFinder Analysis Software V1.0 for use with the QuantStudio 5 Instrument 0.1 mL block.
A45710	RapidFinder Analysis Software V1.1 for use with the QuantStudio 5 Instrument 0.1 mL block. Contact your local MBD representative for more information.

### SimpliAMP Thermal Cycler

INSTRUMENT	
A24811	Applied Biosystems™ SimpliAmp™ Thermal Cycler. Contact your local MBD representative for ordering and service warranty and value add service plans.

### Service

Item Number	Description
4365571	Applied Biosystems OQ-IPVIPV Service 7500Fast
4365572	Applied Biosystems IQOQ-IPVIOO Service 7500Fast
7500AMTASS	Applied Biosystem AB Assurance
SCQS5FAST	Applied Biosystems™ Assurance Service Plan - additional 1 year warranty cover with instrument loan 1 year cover

### Applied Biosystems™ MicroSEQ™/Applied Biosystems™ RapidFinder™ Assays

The MicroSEQ product range of assays are based on TaqMan® real-time PCR. Real-time PCR is a proven method for pathogen detection and has been applied successfully to a wide range of foodborne pathogens. The method tests for food pathogens by amplifying and detecting a DNA target sequence that is specific to the organism under investigation. In this way, real-time PCR can detect pathogens quickly, simply, and with outstanding sensitivity and specificity. Since the MicroSEQ assays uses fast PCR chemistry, the PCR run time takes only 40 minutes. The MicroSEQ range and RapidFinder STEC solutions have been validated by AOAC RI PTM, AFNOR, and DAFF.

Item Number	Description
4427409	MicroSEQ E. coli O157:H7 Detection Kit
4445656	MicroSEQ E. coli O157:H7 Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4445657	MicroSEQ E. coli O157:H7 Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit
4403874	MicroSEQ Listeria monocytogenes Detection Kit
4415045	MicroSEQ Listeria monocytogenes Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit
4412637	MicroSEQ Listeria monocytogenes Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4445659	MicroSEQ Listeria spp. Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit
4427410	MicroSEQ Listeria spp. Detection Kit
4445658	MicroSEQ Listeria spp. Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4403930	MicroSEQ Salmonella spp. Detection Kit
4412639	MicroSEQ Salmonella spp. Detection Starter Kit with PrepSEQ Nucleic Acid Extraction Kit
4415044	MicroSEQ Salmonella spp. Detection Starter Kit with PrepSEQ Rapid Spin Sample Preparation Kit - Extra Clean
4480467	RapidFinder STEC Screening Assay Starter Kit - with PrepSEQ Nucleic Acid Extraction Kit
4476886	RapidFinder STEC Screening Assay
4476901	RapidFinder STEC Confirmation Assay
A33227	RapidFinder Salmonella species, Typhimurium and Enteritidis Multiplex PCR Assay
A33227KF	RapidFinder Salmonella species, Typhimurium and Enteritidis Multiplex Flex Kit

### Species ID Imegen™ Real-Time PCR Tests

Reliable detection and quantification of species DNA in collaboration with Imegen, we are offering a broad portfolio of real-time PCR based species detection and quantification testing solutions, with very high sensitivity below the officially required limit of detection (LOD) of 0,1%.

For high-throughput isolation:

Item Number	Description	
A24401	Lysis Buffer 1 +RNase for Food ID	
4428176	PrepSEQ™ Nucleic Acid Extraction Kit for Food and Environmental Testing - 300 reactions	
4480466	PrepSEQ™ Nucleic Acid Extraction Kit for Food and Environmental Testing - 100 reactions	
4466336	GMO Extraction Kit	
A24391	RapidFinder Beef ID Kit	
A24393	RapidFinder Chicken ID Kit	
A15570	RapidFinder Equine ID Kit	
A24392	RapidFinder Pork ID Kit	
A24397	RapidFinder Poultry ID Kit	
A15579	RapidFinder Quant Equine Set	
A24399	RapidFinder Quant Multi-Meat Set	
A24396	RapidFinder Ruminant ID Kit	
A24395	RapidFinder Sheep ID Kit	
A24394	RapidFinder Turkey ID Kit	
A24398	RapidFinder Fish ID Kit	
A47086	RapidFinder™ Halal ID Kit	COMING SOON
A24412	RapidFinder™ Vegan ID Kit	COMING SOON



**GMO testing portfolio**

In partnership with Imegen, a GMO testing portfolio containing solutions for the complete workflow including nucleic acid extraction, GMO screening and quantification kit, instrument, technical support and GMO expertise.

Thermo Scientific GMO testing solutions provide a high level of confidence:

- applicable on processed food due to MGB probes
- high sensitivity due to high sample input
- optimal GMO coverage due to unique design set up



Item Number	Description	
4466366	GMO Extraction Kit	
4481972	TaqMan® GMO Maize Quantification Kit	
4466334	TaqMan® GMO Screening Kit	
4466335	TaqMan® Roundup Ready Soya Quantification Kit	
A44113	Imegen-TNOS quantification kit	COMING SOON
A44113	Imegen MON89788 Quantification Kit	COMING SOON
A43720	Imegen MON89788 & Roundup Ready Soy Event ID Kit	COMING SOON

For a complete list of Meat Species ID and GMO Real-Time PCR Assays, please contact your local Thermo Fisher Microbiology Food Safety Specialist.

**Applied Biosystems™ TaqMan® Environmental Master Mixes**

Optimized for analyzing environmental, food, and other challenging samples, TaqMan® Fast Environmental Master Mixes offer accurate microbial detection in the presence of high levels of problematic inhibitors.

Item Number	Description	Number of Reactions
4396838	TaqMan® Environmental Master Mix 2.0	200 rxn
4398021	TaqMan® Environmental Master Mix 2.0	400 rxn
4388044	TaqMan® Environmental Master Mix 2.0	800 rxn
4488681	TaqMan® Fast Environmental Master Mix Beads + IPC	96 rxn
4488676	TaqMan® Fast Environmental Master Mix Beads	96 rxn
11732927	Applied Biosystems™ RNA UltraSense™ One-Step Quantitative RT-PCR System	100 rxn

**Custom TaqMan® Real-Time PCR Assay Beads**

Our food safety custom lyophilized assay beads provide a unique offering of solutions specifically designed for the food safety testing market. These assays allow you to bring the same specificity and sensitivity of PCR beyond the big 4 pathogens.

Item Number	Description
4485027	Custom TaqMan® Campylobacter Multiplex Assay Beads
4485034	Custom TaqMan® Cronobacter sakazakii Assay Beads
4485039	Custom TaqMan® Escherichia coli spp. Assay Beads
4485045	Custom TaqMan® Enterococcus spp Assay Beads
4485046	Custom TaqMan® Onchorhynchus keta Assay Beads
4485053	Custom TaqMan® Salmonella Typhimurium Assay Beads
4485059	Custom TaqMan® STX1/STX2 Assay Beads
4485063	Custom TaqMan® STEC O103 & O145 Assay Beads, MLG
4485064	Custom TaqMan® STEC O26 & O111 Assay Beads, MLG
4485065	Custom TaqMan® STEC O45 & O121 Assay Beads, MLG
4485066	Custom TaqMan® STEC STX & EAE Assay Beads, MLG
4485068	Custom TaqMan® Vibrio Multiplex Assay Beads
4485074	Custom TaqMan® Verotoxin-producing Escherichia coli VT1/VT2 Multiplex Assay Beads, HPA
4485075	Custom TaqMan® ISO STEC STX 1/2, EAE, O157 Screening Assay Beads
4485084	Custom TaqMan® ISO STEC O111 & O104 Assay Beads
4485086	Custom TaqMan® Salmonella spp. Ultimate / Enteritidis Multiplex Assay Beads

For a complete list of Custom TaqMan® Real-Time PCR Assays, please contact your local Thermo Fisher Food Safety Specialist

**Thermo Fisher Scientific Food Safety Custom Services**

Thermo Fisher Scientific combines innovative assay design, sequencing and bioinformatics expertise with comprehensive global support to deliver personalized food safety technologies that help protect your brand and bottom line. If you do not see a solution that specifically meets your needs, we will work with you to develop a solution to streamline your microbial testing workflow.

Our Food Safety custom services include, but are not limited to:

- Novel Assay Development
- Multiplexed Assay Solutions
- Workflow Optimization
- Small-Sale Sequencing
- Validation & Verification Services



# SureTect Real-Time PCR System

## Speed and Performance

Now, you can go into every food safety test confidently with the Thermo Scientific™ SureTect™ Real-Time PCR System. Built on proven PCR technology and backed by world-class service and support, the SureTect System is designed to quickly and accurately detect microorganisms in a broad range of foods and associated samples. This unique solution combines speed and performance in an easy-to-use, cost-effective platform – giving you results you can be sure about.

### Instruments

<b>Applied Biosystems™ SimpliAmp™ Thermal Cycler</b>	
Applied Biosystems™ SimpliAmp™ Thermal Cycler. Contact your local MBD representative for ordering and service warranty and value add service plans.	A24811
<b>Applied Biosystems™ 7500 Fast Real-Time PCR instrument</b>	
Applied Biosystems 7500 Fast Real-Time PCR System with Applied Biosystems™ RapidFinder™ Express Software Version 2.0	Laptop: A30299 Desktop: A30304
<b>Applied Biosystems™ QuantStudio™ 5</b>	
Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System, 0.1 mL block, packaged laptop computer, RapidFinder Analysis Software v1.0 or later and USB flashdrive.	A36320
Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System 0.1 mL block, laptop computer, RapidFinder Analysis Software v1.0 or later and USB flashdrive. Contact your local MBD representative for ordering and service warranty and value add service plans.	A36328
Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System 0.1mL block. No Computer, No RapidFinder Analyzer v1.0 or later software and blank USB flashdrive. Contact your local MBD representative for ordering and service warranty and value add service plans.	A36329
<b>Service</b>	
Applied Biosystems™ Assurance Service Plan - additional 1 year warranty cover with instrument loan 1 year cover	SCQS5FAST
Applied Biosystems OQ-IPVIPV Service 7500Fast	4365571
Applied Biosystems IQOQ-IPVIOO Service 7500Fast	4365572
Applied Biosystem AB Assurance	7500AMTASS

### Software

<b>RapidFinder Express Software Version 2.0 - For Applied Biosystems 7500 Fast Real-Time PCR instrument</b>	
NOTE: RapidFinder Express Software 2.0 for Applied Biosystems 7500 and SureTect Assay Kit File for Applied Biosystems 7500 Fast are BOTH required to run the SureTect Assays on the 7500 Fast Real Time PCR instrument	A28811
<b>RapidFinder Analysis v1.0 / v1.1</b>	
RapidFinder Analysis Software V1.0 for use with the QuantStudio 5 Instrument 0.1 mL block.	A34777
RapidFinder Analysis Software V1.1 for use with the QuantStudio 5 Instrument 0.1 mL block. Contact your local MBD representative for more information.	A45710

\*\*Download kit files for free from [www.thermofisher.com/order/catalog/product/A28811](http://www.thermofisher.com/order/catalog/product/A28811)

### Assays

<b>SureTect Salmonella Species Assay</b>	
each	PT0100A
<b>SureTect Listeria Species Assay</b>	
each	PT0200A
<b>SureTect Listeria monocytogenes Assay</b>	
each	PT0300A
<b>SureTect E. coli O157:H7 Assay</b>	
each	PT0400A
<b>SureTect Cronobacter sakazakii Assay</b>	
each	PT1060A
<b>SureTect Escherichia coli O157:H7 and STEC Screening PCR Assay</b>	
each	A44254
<b>SureTect Escherichia coli STEC Identification PCR Assay</b>	
each	A45330
<b>SureTect Campylobacter jejuni, C. coli and C. lari PCR Assay</b>	
each	A44251
<b>SureTect Vibrio cholerae, V. parahaemolyticus and V. vulnificus PCR Assay</b>	
each	A44253
<b>SureTect Staphylococcus aureus PCR Assay</b>	
each	A44255

## TaqMan™ Biothreat Detection

### TaqMan Bacillus anthracis Detection Kit

Item Number	Description
4382486	TaqMan Bacillus anthracis PCR Assay – 100 tests

### TaqMan Francisella tularensis Detection Kit

Item Number	Description
4382490	TaqMan Francisella tularensis PCR Assay – 100 tests

### TaqMan Brucella spp Detection Kit

Item Number	Description
4382423	TaqMan Brucella spp PCR Assay – 100 tests

### TaqMan Yersinia pestis Detection Kit

Item Number	Description
4382488	TaqMan Yersinia pestis PCR Assay – 100 tests

## qualyfast™ Legionella Testing

qualyfast Legionella products are rapid, sensitive, specific and reproducible kits for the detection, discrimination and quantification of Legionella species and Legionella pneumophila from water.

### qualyfast Legionella PCR Assays

Item Number	Description
A101013	qualyfast Legionella PCR Assay – 24 test <b>NEW</b>
A201013	qualyfast Legionella PCR Assay – 48 tests <b>NEW</b>
A301013	qualyfast Legionella PCR Assay – 96 tests <b>NEW</b>

### qualyfast DNA Extraction Kits

Item Number	Description
D101001	qualyfast DNA Extraction Kit I clear water – 24 rxn <b>NEW</b>
D201001	qualyfast DNA Extraction Kit I clear water – 48 rxn <b>NEW</b>
D301001	qualyfast DNA Extraction Kit I clear water – 96 rxn <b>NEW</b>
D211001	qualyfast DNA Extraction Kit II dirty water – 48 rxn <b>NEW</b>
D311001	qualyfast DNA Extraction Kit II dirty water – 96 rxn <b>NEW</b>

### qualyfast Free DNA Inactivator Kit

Item Number	Description
D401009	qualyfast Free DNA Inactivator – 200rxn <b>NEW</b>

### qualyfast Legionella Quantification Standards

Item Number	Description
A501013	qualyfast Legionella Quantification Standards – 8 tests <b>NEW</b>



## COVID 19 Food Packaging & Environmental Surface Lab Products and Solutions

Environmental monitoring is already common in the food industry to monitor facilities for pathogens and allergens and to determine if sanitation programs are being effective. Reliable tests for detecting coronavirus on food and/or environmental surfaces are critical to food supply chain and retail businesses concerned with protecting workers and consumers as public health restrictions are relaxed.

### Sample preparation and nucleic acid extraction:

Order code	Description	Format
12321D	DynaMag™-2 Magnet*	1 rack
Q33226	Qubit™ 4 Fluorometer	1 instrument
4428176	Applied Biosystems™ PrepSEQ™ Nucleic Acid Extraction Kit for Food and Environmental Testing*	100 preparations
4480466	Applied Biosystems™ PrepSEQ™ Nucleic Acid Extraction Kit for Food and Environmental Testing*	300 preparations
A32681	KingFisher Flex 96 Deep Well	1 unit
5400050C	Thermo Scientific™ Food Safety KingFisher mL System*	1 unit
15951	Applied Biosystems™ KingFisher™ mL Food Protection Purification System Tubes & Tips *	240 tests

\*Web Orderable

### Virus Detection: Accurate and fast by multi-platform detection

Order code	Description	Format
11732927	Applied Biosystems™ RNA UltraSense™ One-Step Quantitative RT-PCR System*	100 reactions
A47532	Applied Biosystems™ TaqMan™ 2019nCoV Assay Kit v1*	50 reactions
A47533	Applied Biosystems™ TaqMan™ 2019-nCoV Control Kit v1 *	50 µL (1 x 10 <sup>4</sup> copies/µL)
A36328	Applied Biosystems™ QuantStudio™ 5 Food Safety Real-Time PCR System 96-well, 0.1 mL Block, QuantStudio™ Design Analysis Software v1.5.1 or later and RapidFinder™ Analysis Software v.1.0 or later (Included)	Instrument package
A30299	Applied Biosystems™ 7500 Fast Food Safety Real-Time PCR System 96-well, 0.1 mL block, laptop, 7500 Software SDS and RapidFinder™ Express v.2.0 Software (included)	Instrument package

\*Web Orderable

### NGS Food Authenticity

#### Ion Torrent Food Protection Instruments

Item Number	Description
A39513	Ion GeneStudio™ S5 Food Protection System*
A39514	Ion Chef™ Food Protection Instrument
A44648	Ion GeneStudio™ S5 Plus Food Protection System*
A44649	Ion GeneStudio™ S5 Prime Food Protection System*

\*includes laptop

#### Low Throughput Gel Electrophoresis

Item Number	Description
G8342ST	E-Gel™ Starter Pack

#### High Throughput Gel Electrophoresis

Item Number	Description
4466611	E-Gel™ Imager System with UV Light Base
EBM03	Mother E-Base™ Device
EBM03EU	Mother E-Base™ Device (European version)
EBM03UK	Mother E-Base™ Device (UK Version)
EBD03	Daughter E-Base™ device

#### Quantification

Item Number	Description
A39533	Qubit™ Food Protection Starter Pack

#### Amplification

Item Number	Description
A24811	SimpliAmp™ Thermal Cycler

#### Purification

Item Number	Description
12321D	DynaMag™-2 Magnet

#### DNA Extraction

Item Number	Description
4466336	GMO Extraction Kit

#### Library Preparation

Item Number	Description
A38452	SGS All Species Meat DNA Analyzer Kit I
A38453	SGS All Species Meat DNA Analyzer Kit II
A38454	SGS All Species Fish DNA Analyzer Kit I
A38455	SGS All Species Fish DNA Analyzer Kit II
A38456	SGS All Species Plant DNA Analyzer Kit I
A38457	SGS All Species Plant DNA Analyzer Kit II

#### Qubit consumables

Item Number	Description
Q32856	Qubit Assay Tubes
Q32853	Qubit dsDNA BR Assay Kit

#### Low Throughput Gel Electrophoresis

Item Number	Description
G401002	E-Gel™ EX Agarose Gels, 2%
10482055	E-Gel™ Sample Loading Buffer, 1X
10488099	E-Gel™ 50 bp DNA Ladder

#### High Throughput Gel Electrophoresis

Item Number	Description
G800802	E-Gel™ 48 Agarose Gels, 2%
G700802	E-Gel™ 96 Agarose Gels, 2%
12373031	E-Gel™ Low Range Quantitative DNA Ladder
10488099	E-Gel™ 50 bp DNA Ladder
10482055	E-Gel™ Sample Loading Buffer, 1X

#### Sequencing consumables

Item Number	Description
A39476	Ion 510™ & Ion 520™ & Ion 530™ Food Protection Kit – Chef (1 sequencing run per initialization)
A39477	Ion 510™ & Ion 520™ & Ion 530™ Food Protection Kit – Chef (2 sequencing runs per initialization)
A27769	Ion 510™ Food Protection Chip Kit
A39473	Ion 520™ Food Protection Chip Kit
A39478	Ion S5™ Food Controls Kit Plus

#### Data Analysis

Item Number	Description
A38458	SGS All Species ID Software

#### Service

Item Number	Description
ZG11SCIONCHEF	AB Assurance - CHEF
ZG11SCIONS5	AB Assurance - S5
ZG11SCIONS5PLUS	AB Assurance S5 PLUS
ZG11SCIONS5PRIME	AB Assurance S5 PRIME

## Thermo Scientific Culti-Loops Organisms

Thermo Scientific™ Culti-Loops™ Qualitative Quality Control Organisms are available in packs of five. Culti-Loops organisms should be stored at 2–8°C, with the exception of *Campylobacter* spp. which should be kept frozen (-18°C).

Organism	Order Code (5 loops)
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### A

<i>Achromobacter xylosoxidans</i> subsp. <i>xylosoxidans</i> ATCC® 27061™*	R4601012
<i>Acinetobacter baumannii</i> ATCC® 19606™*	R4601007
<i>Acinetobacter baumannii</i> ATCC® BAA-747™*	R4601009
<i>Acinetobacter lwoffii</i> ATCC® 17925™*	R4600503
<i>Acinetobacter</i> sp. ATCC® 49137™*	R4601002
<i>Acinetobacter</i> sp. ATCC® 49139™*	R4600501
<i>Acinetobacter</i> sp. ATCC® 49466™*	R4601008
<i>Acinetobacter</i> sp. ATCC® 9957™*	R4609204
<i>Actinomyces odontolyticus</i> ATCC® 17929™*	R4600500
<i>Actinomyces viscosus</i> ATCC® 15987™*	R4600510
<i>Actinomyces viscosus</i> ATCC® 43146™*	R4609459
<i>Aerococcus viridans</i> ATCC® 11563™*	R4601019
<i>Aerococcus viridans</i> ATCC® 700406™*	R4601022
<i>Aeromonas caviae</i> ATCC® 15468™*	R4601021
<i>Aeromonas hydrophila</i> ATCC® 35654™*	R4601013
<i>Aeromonas hydrophila</i> ATCC® 49140™*	R4601003
<i>Aeromonas hydrophila</i> ATCC® 7965™*	R4609350
<i>Aeromonas hydrophila</i> ATCC® 7966™*	R4601020
<i>Aeromonas salmonicida</i> ATCC® 33658™*	R4609456
<i>Aeromonas veronii</i> biogroup <i>sobria</i> ATCC® 9071™*	R4601005
<i>Aggregatibacter aphrophilus</i> ATCC® 33389™*	R4603020
<i>Alcaligenes faecalis</i> ATCC® 35655™*	R4601011
<i>Alcaligenes faecalis</i> subsp. <i>faecalis</i> ATCC® 8750™*	R4601006
<i>Alternaria alternata</i> TX 8025	R4601016
<i>Aneurinibacillus aneurinolyticus</i> ATCC® 11376™*	R4601015
<i>Arcanobacterium haemolyticum</i> ATCC® BAA-1784™*	R4609413
<i>Arcanobacterium pyogenes</i> ATCC® 19411™*	R4600504
<i>Arcanobacterium pyogenes</i> ATCC® 49698™*	R4600502
<i>Aspergillus brasiliensis</i> ATCC® 16404™*	R4601100
<i>Aspergillus brasiliensis</i> ATCC® 9642™*	R4601102
<i>Aspergillus fumigatus</i> KM 8001	R4601018
<i>Aspergillus oryzae</i> ATCC® 10124™*	R4601017
<i>Atopobium vaginae</i> ATCC® BAA-55™*	R4609450

### B

<i>Bacillus badius</i> ATCC® 14574™*	R4609394
<i>Bacillus cereus</i> ATCC® 11778™*	R4601220
<i>Bacillus cereus</i> ATCC® 14579™*	R4601217
<i>Bacillus circulans</i> ATCC® 61™*	R4601216
<i>Bacillus licheniformis</i> ATCC® 12759™*	R4601233
<i>Bacillus megaterium</i> ATCC® 14581™*	R4609395
<i>Bacillus pumilus</i> ATCC® BAA-1434™*	R4609379
<i>Bacillus stearothermophilus</i> ATCC® 10149™*	R4601202
<i>Bacillus subtilis</i> ATCC® 6633™*	R4601221
<i>Bacteroides fragilis</i> ATCC® 23745™*	R4601251
<i>Bacteroides fragilis</i> ATCC® 25285™*	R4601250
<i>Bacteroides ovatus</i> ATCC® 8483™*	R4601222
<i>Bacteroides ovatus</i> ATCC® BAA-1296™*	R4609374
<i>Bacteroides ovatus</i> ATCC® BAA-1304™*	R4609376
<i>Bacteroides thetaiotaomicron</i> ATCC® 29741™*	R4601260
<i>Bacteroides uniformis</i> ATCC® 8492™*	R4601259
<i>Bacteroides ureolyticus</i> ATCC® 33387™*	R4601201
<i>Bacteroides vulgatus</i> ATCC® 8482™*	R4601261
<i>Bifidobacterium breve</i> ATCC® 15700™*	R4606801
<i>Bordetella bronchiseptica</i> ATCC® 10580™*	R4601224
<i>Bordetella bronchiseptica</i> ATCC® 4617™*	R4601223
<i>Bordetella pertussis</i> ATCC® 12742™*	R4609213
<i>Bordetella pertussis</i> ATCC® 9340™*	R4601225
<i>Brevibacillus agri</i> ATCC® 51663™*	R4607217
<i>Brevibacillus laterosporus</i> ATCC® 64™*	R4607228
<i>Brevundimonas diminuta</i> ATCC® 11568™*	R4607219
<i>Brevundimonas diminuta</i> ATCC® 19146™*	R4607200
<i>Brochothrix thermosphacta</i> ATCC® 11509™*	R4609038
<i>Burkholderia cepacia</i> ATCC® 25416™*	R4605220
<i>Burkholderia cepacia</i> ATCC® 25608™*	R4601232

Organism	Order Code (5 loops)
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### C

<i>Campylobacter coli</i> ATCC® 33559™*	R4609039
<i>Campylobacter coli</i> ATCC® 43478™*	R4609387
<i>Campylobacter jejuni</i> ATCC® 29428™*	R4601410
<i>Campylobacter jejuni</i> ATCC® BAA-1153™*	R4601440
<i>Campylobacter jejuni</i> subsp. <i>jejuni</i> ATCC® 33291™*	R4601400
<i>Campylobacter jejuni</i> subsp. <i>jejuni</i> ATCC® 33292™*	R4607070
<i>Candida albicans</i> ATCC® 10231™*	R4601503
<i>Candida albicans</i> ATCC® 14053™*	R4601501
<i>Candida albicans</i> ATCC® 2091™*	R4601523
<i>Candida albicans</i> ATCC® 36232™*	R4601239
<i>Candida albicans</i> ATCC® 60193™*	R4601502
<i>Candida albicans</i> ATCC® 66027™*	R4601495
<i>Candida albicans</i> ATCC® 90028™*	R4601496
<i>Candida dubliniensis</i> ATCC® MYA-577™*	R4609463
<i>Candida geochares</i> ATCC® 36852™*	R4601401
<i>Candida glabrata</i> ATCC® 15126™*	R4601513
<i>Candida glabrata</i> ATCC® 2001™*	R4601504
<i>Candida glabrata</i> ATCC® 66032™*	R4601511
<i>Candida glabrata</i> ATCC® MYA-2950™*	R4601505
<i>Candida guilliermondii</i> ATCC® 6260™*	R4601521
<i>Candida kefyr</i> ATCC® 204093™*	R4608013
<i>Candida kefyr</i> ATCC® 2512™*	R4601507
<i>Candida kefyr</i> ATCC® 66028™*	R4601512
<i>Candida krusei</i> ATCC® 14243™*	R4601510
<i>Candida krusei</i> ATCC® 34135™*	R4609464
<i>Candida lusitanae</i> ATCC® 34449™*	R4601243
<i>Candida lusitanae</i> ATCC® 42720™*	R4601506
<i>Candida lusitanae</i> ATCC® 66035™*	R4601516
<i>Candida parapsilosis</i> ATCC® 22019™*	R4601518
<i>Candida parapsilosis</i> ATCC® 34136™*	R4601515
<i>Candida parapsilosis</i> ATCC® 90018™*	R4609458
<i>Candida tropicalis</i> ATCC® 1369™*	R4609465
<i>Candida tropicalis</i> ATCC® 201380™*	R4601244
<i>Candida tropicalis</i> ATCC® 13803™*	R4609240
<i>Candida tropicalis</i> ATCC® 66029™*	R4601517
<i>Candida tropicalis</i> ATCC® 750™*	R4601240
<i>Candida utilis</i> ATCC® 9950™*	R4608012
<i>Cellulomicrobium cellulans</i> ATCC® 27402™*	R4601544
<i>Citrobacter braakii</i> ATCC® 10625™*	R4601801
<i>Citrobacter diversus</i> KM 11012	R4601508
<i>Citrobacter freundii</i> ATCC® 8090™*	R4601800
<i>Clostridium barati</i> ATCC® 27638™*	R4601615
<i>Clostridium difficile</i> ATCC® 43255™*	R4601603
<i>Clostridium difficile</i> ATCC® 700057™*	R4609452
<i>Clostridium difficile</i> ATCC® 9689™*	R4601610
<i>Clostridium difficile</i> ATCC® BAA-1870™*	R4609433
<i>Clostridium histolyticum</i> ATCC® 19401™*	R4601601
<i>Clostridium novyi</i> ATCC® 7659™*	R4601605
<i>Clostridium novyi</i> Type A ATCC® 19402™*	R4609220
<i>Clostridium septicum</i> ATCC® 12464™*	R4601650
<i>Clostridium sordellii</i> ATCC® 9714™*	R4601602
<i>Clostridium sporogenes</i> ATCC® 11437™*	R4601703
<i>Clostridium sporogenes</i> ATCC® 19404™*	R4601700
<i>Clostridium sporogenes</i> ATCC® 3584™*	R4601701
<i>Clostridium tertium</i> ATCC® 19405™*	R4601509
<i>Corynebacterium diphtheriae</i> ATCC® 13812™*	R4609234
<i>Corynebacterium jeikeium</i> ATCC® 43734™*	R4601901
<i>Corynebacterium minutissimum</i> ATCC® 23348™*	R4601904
<i>Corynebacterium pseudodiphtheriticum</i> ATCC® 10700™*	R4601902
<i>Corynebacterium pseudodiphtheriticum</i> ATCC® 10701™*	R4601903
<i>Corynebacterium renale</i> ATCC® 19412™*	R4601906
<i>Corynebacterium renale</i> ATCC® BAA-1785™*	R4609415
<i>Corynebacterium striatum</i> ATCC® BAA-1293™*	R4609308
<i>Corynebacterium urealyticum</i> ATCC® 43044™*	R4609414
<i>Corynebacterium xerosis</i> ATCC® 373™*	R4601905
<i>Cronobacter mytjensii</i> ATCC® 51329™*	R4607093
<i>Cryptococcus albidus</i> ATCC® 66030™*	R4601710
<i>Cryptococcus albidus</i> var. <i>albidus</i> ATCC® 10666™*	R4601811
<i>Cryptococcus albidus</i> var. <i>albidus</i> ATCC® 34140™*	R4601813
<i>Cryptococcus humicolus</i> ATCC® 9949™*	R4601101
<i>Cryptococcus laurentii</i> ATCC® 18803™*	R4601241
<i>Cryptococcus laurentii</i> ATCC® 66036™*	R4601711
<i>Cryptococcus laurentii</i> ATCC® 76483™*	R4601910
<i>Cryptococcus neoformans</i> ATCC® 14116™*	R4601812
<i>Cryptococcus neoformans</i> ATCC® 204092™*	R4608016
<i>Cryptococcus neoformans</i> ATCC® 32045™*	R4609327
<i>Cryptococcus neoformans</i> ATCC® 34877™*	R4601714
<i>Cryptococcus neoformans</i> ATCC® 56991™*	R4609466
<i>Cryptococcus neoformans</i> ATCC® 66031™*	R4601712
<i>Cryptococcus neoformans</i> ATCC® 76484™*	R4601912
<i>Cryptococcus uniguttulatus</i> ATCC® 66033™*	R4601713
<i>Curtobacterium pusillum</i> ATCC® 19096™*	R4609418
<i>Curvularia</i> sp. KM 8023	R4601705

# Quality Control Organisms

## Thermo Scientific Culti-Loops Organisms

Organism	Order Code (5 loops)
<b>E</b>	
Edwardsiella tarda ATCC® 15947™*	R4601973
Eggerthella lenta ATCC® 43055™*	R4601951
Eikenella corrodens ATCC® 23834™*	R4601974
Eikenella corrodens ATCC® BAA-1152™*	R4601947
Elizabethkingia meningoseptica ATCC® 13253™*	R4602002
Enterobacter aerogenes ATCC® 13048™*	R4607080
Enterobacter aerogenes ATCC® 35028™*	R4607081
Enterobacter aerogenes ATCC® 35029™*	R4607082
Enterobacter aerogenes ATCC® 49701™*	R4601941
Enterobacter cloacae ATCC® 13047™*	R4607090
Enterobacter cloacae ATCC® 23355™*	R4607091
Enterobacter cloacae ATCC® 35030™*	R4601945
Enterobacter gergoviae ATCC® 33028™*	R4601940
Enterobacter hormaechei ATCC® 700323™*	R4607094
Enterococcus avium ATCC® 14025™*	R4607028
Enterococcus casseliflavus ATCC® 700327™*	R4607099
Enterococcus durans ATCC® 11576™*	R4601957
Enterococcus durans ATCC® 49479™*	R4601952
Enterococcus durans ATCC® 6056™*	R4607032
Enterococcus faecalis ATCC® 19433™*	R4601990
Enterococcus faecalis ATCC® 29212™*	R4607030
Enterococcus faecalis ATCC® 49149™*	R4607087
Enterococcus faecalis ATCC® 49452™*	R4601984
Enterococcus faecalis ATCC® 51299™*	R4601996
Enterococcus faecalis ATCC® 7080™*	R4606854
Enterococcus faecium ATCC® 35667™*	R4711956
Enterococcus faecium ATCC® 51559™*	R4609383
Enterococcus faecium ATCC® 700221™*	R4609432
Enterococcus gallinarum ATCC® 700425™*	R4601958
Enterococcus hirae ATCC® 49135™*	R4607086
Enterococcus raffinosus ATCC® 49464™*	R4601994
Enterococcus saccharolyticus ATCC® 43076™*	R4609393
Epidermophyton floccosum ATCC® 52066™*	R4601977
Erysipelothrix rhusiopathiae ATCC® 19414™*	R4601978
Escherichia coli ATCC® 10536™*	R4601968
Escherichia coli ATCC® 11229™*	R4601997
Escherichia coli ATCC® 11775™*	R4601989
Escherichia coli ATCC® 12014™*	R4609352
Escherichia coli ATCC® 13706™*	R4609469
Escherichia coli ATCC® 25922™*	R4607050
Escherichia coli ATCC® 29194™*	R4601986
Escherichia coli ATCC® 35218™*	R4601971
Escherichia coli ATCC® 35421™*	R4607084
Escherichia coli ATCC® 4157™*	R4607088
Escherichia coli ATCC® 51446™*	R4607097
Escherichia coli ATCC® 51755™*	R4601998
Escherichia coli ATCC® 8739™*	R4607085
Exiguobacterium aurantiacum ATCC® 49676™*	R4601900
Exophiala jeanselmei ATCC® 10224™*	R4601980
<b>F</b>	
Finnegoldia magna ATCC® 29328™*	R4605002
Fluoribacter bozemanianae ATCC® 33217™*	R4603951
Fluoribacter dumoffii ATCC® 33279™*	R4603952
Fonsecaea pedrosoli ATCC® 28174™*	R4601981
Fusobacterium mortiferum ATCC® 25557™*	R4609207
Fusobacterium mortiferum ATCC® 9817™*	R4602009
Fusobacterium necrophorum ATCC® 25286™*	R4609375
Fusobacterium nucleatum ATCC® 10953™*	R4602012
Fusobacterium nucleatum subsp. nucleatum ATCC® 25586™*	R4602010
Fusobacterium oxysporum ATCC® 48112™*	R4601983
<b>G</b>	
Gardnerella vaginalis ATCC® 14018™*	R4602050
Gardnerella vaginalis ATCC® 49145™*	R4602051
Gemella morbillorum ATCC® 27824™*	R4602100
Geobacillus stearothermophilus ATCC® 10149™*	R4601202
Geobacillus stearothermophilus ATCC® 12978™*	R4603011
Geobacillus stearothermophilus ATCC® 12980™*	R4601219
Geobacillus stearothermophilus ATCC® 7953™*	R4601218
Geotrichum candidum ATCC® 34614™*	R4603001
Geotrichum capitatum ATCC® 10663™*	R4606800
Geotrichum capitatum ATCC® 28576™*	R4606805
<b>H</b>	
Haemophilus aphrophilus ATCC® 19415™*	R4603002
Haemophilus haemoglobinophilus ATCC® 19416™*	R4603795
Haemophilus haemolyticus ATCC® 33390™*	R4603790
Haemophilus influenzae ATCC® 33930™*	R4603903
Haemophilus influenzae ATCC® 35056™*	R4603840
Haemophilus influenzae ATCC® 35540™*	R4609253
Haemophilus influenzae ATCC® 49144™*	R4603801
Haemophilus influenzae ATCC® 49247™*	R4603830
Haemophilus influenzae ATCC® 49766™*	R4603806

Organism	Order Code (5 loops)
Haemophilus influenzae ATCC® 19418™*	R4603851
Haemophilus influenzae NCTC 8468	R4609391
Haemophilus influenzae Type a ATCC® 9006™*	R4603805
Haemophilus influenzae Type b ATCC® 10211™*	R4603810
Haemophilus influenzae Type b ATCC® 33533™*	R4603900
Haemophilus influenzae Type c ATCC® 9007™*	R4603815
Haemophilus parahaemolyticus ATCC® 10014™*	R4603003
Haemophilus parainfluenzae ATCC® 7901™*	R4604000
Haemophilus paraphrophilus ATCC® 49146™*	R4603901
Haemophilus paraphrophilus ATCC® 49917™*	R4603902
<b>I</b>	
Issatchenkia orientalis ATCC® 6258™*	R4601520
<b>K</b>	
Klebsiella pneumoniae C6	R4603935
Klebsiella oxytoca ATCC® 13182™*	R4603012
Klebsiella oxytoca ATCC® 43086™*	R4603006
Klebsiella oxytoca ATCC® 49131™*	R4607019
Klebsiella oxytoca ATCC® 700324™*	R4603912
Klebsiella oxytoca ATCC® 8724™*	R4603009
Klebsiella pneumoniae subsp. pneumoniae ATCC® 10031™*	R4603930
Klebsiella pneumoniae subsp. pneumoniae ATCC® 13882™*	R4607022
Klebsiella pneumoniae subsp. pneumoniae ATCC® 13883™*	R4607037
Klebsiella pneumoniae subsp. pneumoniae ATCC® 27736™*	R4607031
Klebsiella pneumoniae subsp. pneumoniae ATCC® 33495™*	R4607021
Klebsiella pneumoniae subsp. pneumoniae ATCC® 35657™*	R4603922
Klebsiella pneumoniae subsp. pneumoniae ATCC® 700603™*	R4603074
Klebsiella pneumoniae subsp. pneumoniae ATCC® 9997™*	R4603915
Klebsiella pneumoniae subsp. pneumoniae ATCC® BAA 1705™*	R4609384
Klebsiella pneumoniae subsp. pneumoniae ATCC® BAA 1706™*	R4609385
Kloeckera apiculata var. apis ATCC® 32857™*	R4600397
Kloeckera japonica ATCC® 58370™*	R4609398
Kocuria kristinae ATCC® BAA-752™*	R4603441
Kocuria rhizophila ATCCv 533™*	R4604070
Kocuria rhizophila ATCC® 9341™*	R4604075
Kocuria rosea ATCC® 186™*	R4603440
<b>L</b>	
Lactobacillus acidophilus ATCC® 314™*	R4603050
Lactobacillus acidophilus ATCC® 4356™*	R4603007
Lactobacillus brevis ATCC® 8287™*	R4603053
Lactobacillus casei ATCC® 393™*	R4603008
Lactobacillus delbrueckii subsp. lactis ATCC® 12315™*	R4603100
Lactobacillus gasserii ATCC® 19992™*	R4603051
Lactobacillus paracasei subsp. paracasei ATCC® BAA-52™*	R4609378
Lactobacillus plantarum ATCC® 8014™*	R4603052
Leclercia adecarboxylata ATCC® 23216™*	R4603926
Leclercia adecarboxylata ATCC® 700325™*	R4603927
Legionella pneumophila ATCC 33823™*	R4603949
Legionella pneumophila ATCC® 33152™*	R4603950
Leuconostoc mesenteroides ATCC® 8293™*	R4603953
Listeria grayi ATCC® 25401™*	R4603959
Listeria innocua ATCC® 33090™*	R4609005
Listeria innocua VC 32293	R4603960
Listeria monocytogenes ATCC® 7644™*	R4603970
Listeria monocytogenes ATCC® 7646™*	R4609316
Listeria monocytogenes ATCC® BAA-751™*	R4603971
Lysinibacillus sphaericus ATCC® 4525™*	R4601229
<b>M</b>	
Malassezia furfur ATCC® 14521™*	R4605025
Malassezia furfur ST 8036	R4604023
Microbacterium liquefaciens ATCC® BAA-1819™*	R4609417
Microbacterium paroxydans ATCC® BAA-1818™*	R4609416
Microbacterium testaceum ATCC® 15829™*	R4604040
Micrococcus luteus ATCC® 10240™*	R4604071
Micrococcus luteus ATCC® 4698™*	R4604085
Micrococcus luteus ATCC® 49732™*	R4604080
Micrococcus lylae ATCC® 27566™*	R4604010
Micrococcus sp. ATCC® 700405™*	R4604086

Organism	Order Code (5 loops)
Moraxella catarrhalis ATCC® 23246™*	R4601236
Moraxella catarrhalis ATCC® 25238™*	R4601230
Moraxella catarrhalis ATCC® 25240™*	R4601231
Moraxella catarrhalis ATCC® 49143™*	R4601227
Moraxella catarrhalis ATCC® 8176™*	R4601228
Moraxella osloensis ATCC® 10973™*	R4604020
Moraxella osloensis ATCC® 19976™*	R4604028
Morganella morganii subsp. morganii ATCC® 25830™*	R4604029
Myroides odoratus ATCC® 4651™*	R4602003

N	
Neisseria gonorrhoeae ATCC® 19424™*	R4607041
Neisseria gonorrhoeae ATCC® 31426™*	R4607042
Neisseria gonorrhoeae ATCC® 35541™*	R4609235
Neisseria gonorrhoeae ATCC® 43069™*	R4607043
Neisseria gonorrhoeae ATCC® 43070™*	R4607044
Neisseria gonorrhoeae ATCC® 49226™*	R4609006
Neisseria gonorrhoeae ATCC® 49926™*	R4609019
Neisseria gonorrhoeae ATCC® 49981™*	R4607075
Neisseria lactamica ATCC® 23970™*	R4607045
Neisseria lactamica ATCC® 23971™*	R4607145
Neisseria lactamica ATCC® 49142™*	R4604027
Neisseria meningitidis serogroup C ATCC® 13102™*	R4609007
Neisseria meningitidis serogroup A ATCC® 13077™*	R4607048
Neisseria meningitidis serogroup B ATCC® 13090™*	R4607049
Neisseria meningitidis serogroup Y ATCC® 35561™*	R4607155
Neisseria mucosa ATCC® 19695™*	R4607150
Neisseria perflava ATCC® 14799™*	R4607046
Neisseria sicca ATCC® 29256™*	R4609217
Neisseria sicca ATCC® 9913™*	R4607047
Nocardia asteroides ATCC® 19247™*	R4604111
Nocardia asteroides CL 11014™*	R4609010
Nocardia brasiliensis ATCC® 19296™*	R4609011
Nocardia brasiliensis ATCC® 19297™*	R4604110
Nocardia farcinica ATCC® 3308™*	R4607156

O	
Ochrobactrum anthropi ATCC® 49187™*	R4604150
Ochrobactrum anthropi ATCC® 49687™*	R4604151
Ochrobactrum anthropi ATCC® BAA-749™*	R4604152
Oligella ureolytica ATCC® 43534™*	R4604175
Oligella urethralis ATCC® 17960™*	R4604022

P	
Paenibacillus gordonae ATCC® 29948™*	R4609381
Paenibacillus macerans ATCC® 8509™*	R4601237
Paenibacillus polymyxa ATCC® 43865™*	R4601234
Paenibacillus polymyxa ATCC® 7070™*	R4604600
Paenibacillus polymyxa ATCC® 842™*	R4601235
Parabacteroides distasonis ATCC® 8503™*	R4601226
Parabacteroides distasonis ATCC® BAA-1295™*	R4609377
Parvimonas micra ATCC® 33270™*	R4607203
Pasteurella aerogenes ATCC® 27883™*	R4607103
Pasteurella multocida subsp. multocida ATCC® 43137™*	R4607201
Pediococcus pentosaceus ATCC® 33314™*	R4609254
Penicillium chrysogenum ATCC® 10106™*	R4607202
Peptoniphilus asaccharolyticus ATCC® 29743™*	R4605001
Peptostreptococcus anaerobius ATCC® 27337™*	R4607051
Phialophora verrucosa ATCC® 28181™*	R4607204
Plesiomonas shigelloides ATCC® 14029™*	R4605035
Plesiomonas shigelloides ATCC® 51903™*	R4607218
Porphyromonas gingivalis ATCC® 33277™*	R4609008
Porphyromonas levii ATCC® 29147™*	R4601263
Prevotella melaninogenica ATCC® 25845™*	R4601255
Propionibacterium acidipropionici ATCC® 25562™*	R4607056
Propionibacterium acnes ATCC® 11827™*	R4607052
Propionibacterium acnes ATCC® 6919™*	R4607101
Proteus hauseri ATCC® 13315™*	R4607057
Proteus mirabilis ATCC® 12453™*	R4607059
Proteus mirabilis ATCC® 25933™*	R4607061
Proteus mirabilis ATCC® 29245™*	R4607054
Proteus mirabilis ATCC® 29906™*	R4605055

Organism	Order Code (5 loops)
Proteus mirabilis ATCC® 35659™*	R4607077
Proteus mirabilis ATCC® 43071™*	R4607073
Proteus mirabilis ATCC® 7002™*	R4607053
Proteus vulgaris ATCC® 49132™*	R4605151
Proteus vulgaris ATCC® 6380™*	R4607069
Proteus vulgaris ATCC® 8427™*	R4607058
Prototheca wickerhamii ATCC® 16529™*	R4608014
Providencia alcalifaciens ATCC® 51902™*	R4605169
Providencia stuartii ATCC® 33672™*	R4605170
Providencia stuartii ATCC® 49809™*	R4605171
Pseudomonas aeruginosa ATCC® 10145™*	R4607065
Pseudomonas aeruginosa ATCC® 15442™*	R4607210
Pseudomonas aeruginosa ATCC® 17934™*	R4609208
Pseudomonas aeruginosa ATCC® 27853™*	R4607060
Pseudomonas aeruginosa ATCC® 35032™*	R4607062
Pseudomonas aeruginosa ATCC® 35422™*	R4605200
Pseudomonas aeruginosa ATCC® 9027™*	R4605210
Pseudomonas aeruginosa ATCC® 9721™*	R4607068
Pseudomonas aeruginosa ATCC® BAA-1744™*	R4609392
Pseudomonas fluorescens ATCC® 13525™*	R4607216
Pseudomonas putida ATCC® 49128™*	R4607074
Pseudomonas stutzeri ATCC® 17588™*	R4607211

R	
Ralstonia insidiosa ATCC® 49129™*	R4605209
Rhizopus stolonifer ATCC® 14037™*	R4607212
Rhodococcus equi ATCC® 6939™*	R4605400
Rhodotorula glutinis ATCC® 32765™*	R4607095

S	
Saccharomyces cerevisiae ATCC® 4098™*	R4606900
Saccharomyces cerevisiae ATCC® 9763™*	R4608201
Salmonella enterica serovar Typhimurium ATCC® 13311™*	R4606100
Salmonella enterica subsp. enterica serovar Anatum ATCC® 9270™*	R4606006
Salmonella enterica subsp. enterica serovar Choleraesuis ATCC® 10708™*	R4609001
Salmonella enterica subsp. enterica serovar Enteritidis ATCC® 13076™*	R4608200
Salmonella enterica subsp. enterica serovar Montevideo ATCC® 8387™*	R4606004
Salmonella enterica subsp. enterica serovar Newport ATCC® 6962™*	R4606005
Salmonella enterica subsp. enterica serovar Paratyphi A ATCC® 11511™*	R4606002
Salmonella enterica subsp. enterica serovar Paratyphi B ATCC® 8759™*	R4606003
Salmonella enterica subsp. enterica serovar Typhimurium ATCC® 14028™*	R4606000
Salmonella enterica sv Poona NCTC 4840	R4606009
Salmonella sp. not Typhi group D BF-SD	R4608202
Salmonella sp. serovar Abony NCTC 6017	R4606007
Salmonella trantorae NCTC 10252	R4606010
Scopulariopsis acremonium ATCC® 58636™*	R4608204
Serratia liquefaciens ATCC® 27592™*	R4608000
Serratia marcescens ATCC® 13880™*	R4608002
Serratia marcescens ATCC® 14756™*	R4609004
Serratia marcescens ATCC® 8100™*	R4608001
Serratia odorifera ATCC® 33077™*	R4602000
Shewanella putrefaciens ATCC® 49138™*	R4601004
Shewanella putrefaciens ATCC® 8071™*	R4607071
Shigella sonnei group D ATCC® 11060™*	R4609255
Shigella sonnei group D ATCC® 25931™*	R4608150
Shigella sonnei group D ATCC® 9290™*	R4608151
Shigella boydii serovar 1 group C ATCC® 9207™*	R4608110
Shigella flexneri serovar 2b group B ATCC® 12022™*	R4608101
Sphingobacterium multivorum ATCC® 35656™*	R4602004
Sphingobacterium spiritivorum ATCC® 33861™*	R4602001
Sporidiobolus salmonicolor ATCC® MYA-4550™*	R4609396
Sporothrix schenckii ATCC® 10212™*	R4608205
Staphylococcus aureus ATCC® 29737™*	R4607026
Staphylococcus aureus ATCC® 35548™*	R4609446
Staphylococcus aureus ATCC® 9144™*	R4609321
Staphylococcus aureus ATCC® BAA-1026™*	R4601026
Staphylococcus aureus ATCC® BAA-1708™*	R4609389
Staphylococcus aureus subsp. aureus ATCC® 12600™*	R4606507
Staphylococcus aureus subsp. aureus ATCC® 25178™*	R4607015
Staphylococcus aureus subsp. aureus ATCC® 25904™*	R4607007
Staphylococcus aureus subsp. aureus ATCC® 33592™*	R4607020
Staphylococcus aureus subsp. aureus ATCC® 49444™*	R4609023
Staphylococcus aureus subsp. aureus ATCC® 49476™*	R4606510
Staphylococcus aureus subsp. aureus ATCC® 51153™*	R4606508

# Quality Control Organisms

## Thermo Scientific Culti-Loops Organisms

Organism	Order Code (5 loops)
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538P™*	R4609002
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 6538™*	R4607016
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® BAA-976™*	R4606512
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® BAA-977™*	R4606513
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 25923™*	R4607010
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 29213™*	R4607011
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 29247™*	R4607009
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 33591™*	R4607003
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 33862™*	R4607008
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC® 43300™*	R4609022
<i>Staphylococcus capitis</i> subsp. <i>capitis</i> ATCC® 35661™*	R4608207
<i>Staphylococcus epidermidis</i> ATCC® 12228™*	R4606500
<i>Staphylococcus epidermidis</i> ATCC® 14990™*	R4606501
<i>Staphylococcus epidermidis</i> ATCC® 29887™*	R4608209
<i>Staphylococcus epidermidis</i> ATCC® 49134™*	R4607017
<i>Staphylococcus epidermidis</i> ATCC® 49461™*	R4608224
<i>Staphylococcus epidermidis</i> ATCC® 700296™*	R4609457
<i>Staphylococcus haemolyticus</i> ATCC® 29970™*	R4608210
<i>Staphylococcus hominis</i> ATCC® 27844™*	R4608211
<i>Staphylococcus lentus</i> ATCC® 700403™*	R4606511
<i>Staphylococcus lugdunensis</i> ATCC® 700328™*	R4608229
<i>Staphylococcus saprophyticus</i> ATCC® 15305™*	R4607014
<i>Staphylococcus saprophyticus</i> ATCC® 35552™*	R4608213
<i>Staphylococcus saprophyticus</i> ATCC® 43867™*	R4608223
<i>Staphylococcus saprophyticus</i> ATCC® 49453™*	R4608214
<i>Staphylococcus saprophyticus</i> ATCC® 49907™*	R4609020
<i>Staphylococcus saprophyticus</i> ATCC® BAA-750™*	R4607029
<i>Staphylococcus sciuri</i> subsp. <i>sciuri</i> ATCC® 29060™*	R4607012
<i>Staphylococcus sciuri</i> subsp. <i>sciuri</i> ATCC® 29061™*	R4608230
<i>Staphylococcus simulans</i> ATCC® 27851™*	R4607013
<i>Staphylococcus xylosum</i> ATCC® 29967™*	R4606504
<i>Staphylococcus xylosum</i> ATCC® 29971™*	R4606502
<i>Staphylococcus xylosum</i> ATCC® 35663™*	R4606505
<i>Staphylococcus xylosum</i> ATCC® 49148™*	R4607018
<i>Staphylococcus xylosum</i> ATCC® 700404™*	R4606506
<i>Stenotrophomonas maltophilia</i> ATCC® 13637™*	R4607067
<i>Stenotrophomonas maltophilia</i> ATCC® 17666™*	R4607072
<i>Stenotrophomonas maltophilia</i> ATCC® 49130™*	R4609009
<i>Stenotrophomonas maltophilia</i> ATCC® 51331™*	R4607064
<i>Streptococcus agalactiae</i> group B ATCC® 12386™*	R4607027
<i>Streptococcus agalactiae</i> group B ATCC® 13813™*	R4608250
<i>Streptococcus agalactiae</i> group B CL 810	R4607005
<i>Streptococcus bovis</i> ATCC® 33317™*	R4609454
<i>Streptococcus criceti</i> ATCC® 19642™*	R4606902
<i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> group G ATCC® 12394™*	R4608219
<i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> ATCC® 35666™*	R4608217
<i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> ATCC® 9542™*	R4608011
<i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> group C ATCC® 12388™*	R4607035
<i>Streptococcus equi</i> subsp. <i>equi</i> ATCC® 9528™*	R4601001
<i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> ATCC® 43079™*	R4608237
<i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> group C ATCC® 700400™*	R4608225
<i>Streptococcus gallolyticus</i> ATCC® 49147™*	R4607078
<i>Streptococcus gallolyticus</i> ATCC® 9809™*	R4607025
<i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i> ATCC® 49475™*	R4608175
<i>Streptococcus mutans</i> ATCC® 25175™*	R4607001
<i>Streptococcus mutans</i> ATCC® 35668™*	R4607002
<i>Streptococcus oralis</i> ATCC® 35037™*	R4609461
<i>Streptococcus oralis</i> ATCC® 9811™*	R4608220
<i>Streptococcus pasteurianus</i> ATCC® 49133™*	R4607079
<i>Streptococcus pneumoniae</i> ATCC® 27336™*	R4607033
<i>Streptococcus pneumoniae</i> ATCC® 49136™*	R4607004
<i>Streptococcus pneumoniae</i> ATCC® 49150™*	R4606901
<i>Streptococcus pneumoniae</i> ATCC® 49619™*	R4609015
<i>Streptococcus pneumoniae</i> ATCC® 6301™*	R4606909
<i>Streptococcus pneumoniae</i> ATCC® 6303™*	R4608221
<i>Streptococcus pneumoniae</i> ATCC® 6305™*	R4607024
<i>Streptococcus pneumoniae</i> CL 811	R4606700

Organism	Order Code (5 loops)
<i>Streptococcus pyogenes</i> ATCC® 19615™*	R4607000
<i>Streptococcus pyogenes</i> group A ATCC® 12384™*	R4609242
<i>Streptococcus pyogenes</i> group A ATCC® 21547™*	R4609211
<i>Streptococcus salivarius</i> serotype II ATCC® 13419™*	R4608222
<i>Streptococcus sanguinis</i> Type 1 ATCC® 10556™*	R4607023
<i>Streptococcus</i> sp. Gp D ATCC® 9854™*	R4606853
<i>Streptococcus</i> sp. group B ATCC® 12401™*	R4609453
<i>Streptococcus</i> sp. group D ATCC® 27284™*	R4607034
<i>Streptococcus</i> sp. Type 2 group F ATCC® 12392™*	R4608218
<i>Streptococcus thermophilus</i> ATCC® 19258™*	R4608238
<i>Streptococcus uberis</i> ATCC® 700407™*	R4608236
<i>Streptococcus uberis</i> ATCC® 9927™*	R4607036
<i>Streptomyces albus</i> ATCC® 17900™*	R4609024
<i>Streptomyces griseus</i> subsp. <i>griseus</i> ATCC® 10137™*	R4609013

T		
<i>Tatlockia micdadei</i> ATCC® 33204™*		R4609205
<i>Trichophyton equinum</i> ATCC® 12544™*		R4608302
<i>Trichophyton mentagrophytes</i> ATCC® 9533™*		R4608300
<i>Trichophyton rubrum</i> ATCC® 28188™*		R4608301
<i>Trichophyton tonsurans</i> ATCC® 28942™*		R4609014
<i>Trichosporon cutaneum</i> ATCC® 28592™*		R4608303
<i>Trichosporon mucoides</i> ATCC® 204094™*		R4608015

V		
<i>Veillonella parvula</i> ATCC® 10790™*		R4609200
<i>Veillonella parvula</i> ATCC® 17745™*		R4609462
<i>Vibrio parahaemolyticus</i> ATCC® 17802™*		R4609000
<i>Vibrio vulnificus</i> ATCC® 27562™*		R4609017
<i>Virgibacillus pantothenicus</i> ATCC® 14576™*		R4609025

Y		
<i>Yarrowia lipolytica</i> ATCC® 9773™*		R4609003
<i>Yersinia enterocolitica</i> ATCC® 23715™*		R4607076
<i>Yersinia enterocolitica</i> subsp. <i>enterocolitica</i> ATCC® 9610™*		R4609018
<i>Yersinia kristensenii</i> ATCC® 33639™*		R4609021

Z		
<i>Zygosaccharomyces bailii</i> ATCC® MYA-4549™*		R4609397





## Quality Control Organism Sets, qualitative

Thermo Scientific™ RapID™ QC sets, Thermo Scientific™ MicroScan™ QC sets and Thermo Scientific™ Vitek™ QC sets contain five loops of each of the listed organisms. Sensititre sets contain one loop of each of the listed organisms.

Set	Order Code
<b>MicroScan Gram-Negative QC Set/4</b>	
Enterococcus faecalis ATCC® 29212™* Klebsiella oxytoca ATCC® 49131™* Proteus vulgaris ATCC® 49132™* Pseudomonas aeruginosa ATCC® 22853™*	R4661000
<b>MicroScan Gram-Positive QC Set/4</b>	
Enterococcus faecalis ATCC® 29212™* Micrococcus luteus ATCC® 49732™* Staphylococcus aureus subsp. aureus ATCC® 29213™* Streptococcus gallolyticus ATCC® 49147™*	R4661001
<b>RapID ANA II QC Set/3</b>	
Bacteroides uniformis ATCC® 8492™* Clostridium sordellii ATCC® 9714™* Parabacteroides distasonis ATCC® 8503™*	R4653050
<b>RapID CB PLUS QC Set/3</b>	
Arcanobacterium pyogenes ATCC® 19411™* Corynebacterium pseudodiphtheriticum ATCC® 10701™* Paenibacillus polymyxa ATCC® 842™*	R4653048
<b>RapID NH QC Set/4</b>	
Haemophilus influenzae Type a ATCC® 9006™* Haemophilus paraphrophilus ATCC® 49146™* Moraxella catarrhalis ATCC® 8176™* Oligella urethralis ATCC® 17960™*	R4653051
<b>RapID NF PLUS QC Set/4</b>	
Acinetobacter baumannii ATCC® 19606™* Aeromonas hydrophila ATCC® 35654™* Elizabethkingia meningoseptica ATCC® 13253™* Oligella ureolytica ATCC® 43534™*	R4653054
<b>RapID ONE QC Set/4</b>	
Enterobacter aerogenes ATCC® 13048™* Escherichia Coli ATCC® 25922™* Proteus vulgaris ATCC® 6380™* Pseudomonas aeruginosa ATCC® 27853™*	R4653056
<b>RapID SS/u QC Set/5</b>	
Enterococcus faecalis ATCC® 29212™* Escherichia coli ATCC® 25922™* Klebsiella pneumoniae subsp. pneumoniae ATCC® 13883™* Proteus mirabilis ATCC® 25933™* Serratia marcescens ATCC® 8100™*	R4653053
<b>RapID STAPH PLUS QC Set/4</b>	
Staphylococcus haemolyticus ATCC® 29970™* Staphylococcus saprophyticus ATCC® 35552™* Enterobacter aerogenes ATCC® 13048™* Oligella ureolytica ATCC® 43534™*	R4653047
<b>RapID STR QC Set/4</b>	
Enterococcus durans ATCC® 11576™* Enterococcus aecalis ATCC® 29212™* Streptococcus gallolyticus ATCC® 9809™* Streptococcus pyogenes ATCC® 19615™*	R4653052
<b>RapID YEAST PLUS QC Set/5</b>	
Candida albicans ATCC® 14053™* Candida glabrata ATCC® 2001™* Candida kefyr ATCC® 2512™* Cryptococcus laurentii ATCC® 66036™* Yarrowia lipolytica ATCC® 9773™*	R4653060
<b>Sensititre Anaerobe MIC Susc QC Set/5</b>	
Bacteroides fragilis ATCC® 25285™* Bacteroides thetaiotaomicron ATCC® 29741™* Eggerthella lenta ATCC® 43055™*	R4687021
<b>Sensititre AQUACULTURE MIC QC Set/2</b>	
Aeromonas salmonicida subsp. salmonicida ATCC® 33658™* Escherichia coli ATCC® 25922™*	R4687022

Set	Order Code
<b>Sensititre MIC Breakpoint QC Set/5</b>	
Enterococcus faecalis ATCC® 29212™* Escherichia coli ATCC® 35218™* Escherichia coli ATCC® 25922™* Pseudomonas aeruginosa ATCC® 27853™* Staphylococcus aureus subsp. aureus ATCC® 29213™*	R4687020
<b>Sensititre Automated Gram Neg QC Set/6</b>	
Edwardsiella tarda ATCC® 15947™* Klebsiella oxytoca ATCC® 8724™* Morganella morganii subsp. morganii ATCC® 25830™* Proteus vulgaris ATCC® 6896™* Pseudomonas aeruginosa ATCC® 10145™* Shigella sonnei ATCC® 25931™*	R4687023
<b>Sensititre GPID ID QC Set/5</b>	
Enterococcus faecalis ATCC® 29212™* Escherichia coli ATCC® 25922™* Kocuria rosea ATCC® 186™* Pseudomonas aeruginosa ATCC® 27853™* Staphylococcus epidermidis ATCC® 700296™*	R4687024
<b>Sensititre H.influ/S.pneu MIC QC Set/3</b>	
Haemophilus influenzae ATCC® 49247™* Haemophilus influenzae ATCC® 49766™* Streptococcus pneumoniae ATCC® 49619™*	R4687025
<b>Sensititre MIC Susceptibility QC Set/9</b>	
Enterococcus faecalis ATCC® 29212™* Enterococcus faecalis ATCC® 51299™* Escherichia coli ATCC® 35218™* Escherichia coli ATCC® 25922™* Klebsiella pneumoniae subsp. pneumoniae ATCC® 700603™* Pseudomonas aeruginosa ATCC® 27853™* Staphylococcus aureus subsp. aureus ATCC® 29213™* Staphylococcus aureus subsp. aureus ATCC® BAA-976™* Staphylococcus aureus subsp. aureus ATCC® BAA-977™*	R4687026
<b>Sensititre YeastOne QC Set/2</b>	
Candida parapsilosis ATCC® 22019™* Issatchenkia orientalis ATCC® 6258™*	R4687027
<b>Vitek GNI+ QC Set/8</b>	
Bordetella bronchiseptica ATCC® 10580™* Burkholderia cepacia ATCC® 25608™* Klebsiella pneumoniae subsp. pneumoniae ATCC® 13883™* Leclercia adecarboxylata ATCC® 23216™* Plesiomonas shigelloides ATCC® 51903™* Proteus mirabilis ATCC® 7002™* Providencia alcalifaciens ATCC® 51902™* Serratia liquefaciens ATCC® 27592™*	R4652014
<b>Vitek* GPI QC Set/7</b>	
Enterococcus durans ATCC® 6056™* Enterococcus faecalis ATCC® 29212™* Erysipelothrix rhusiopathiae ATCC® 19414™* Staphylococcus xylosum ATCC® 29971™* Streptococcus equi subsp. equi ATCC® 9528™* Streptococcus gallolyticus ATCC® 9809™* Streptococcus pyogenes ATCC® 19615™*	R4652010
<b>Vitek GPS Susceptibility QC Set/4</b>	
Enterococcus faecalis ATCC® 29212™* Enterococcus faecalis ATCC® 51299™* Escherichia coli ATCC® 35218™* Staphylococcus aureus subsp. aureus ATCC® 29213™*	R4652008
<b>Vitek NHI QC Set/6</b>	
Aggregatibacter aphrophilus ATCC® 7901™* Haemophilus influenzae Type a ATCC® 9006™* Moraxella catarrhalis ATCC® 25238™* Neisseria gonorrhoeae ATCC® 49981™* Neisseria lactamica ATCC® 23970™* Neisseria meningitidis serogroup C ATCC® 13102™*	R4652006

# Quality Control Organisms

## Quality Control Organism Sets, qualitative

Set	Order Code
<b>Vitek Urine ID Card (UID and UID-3) QC Set/5</b>	
Enterococcus faecalis ATCC® 29212™*	R4652013
Escherichia coli ATCC® 25922™*	
Klebsiella pneumoniae subsp. pneumoniae ATCC® 27736™*	
Proteus mirabilis ATCC® 7002™*	
Pseudomonas aeruginosa ATCC® 27853™*	
<b>Vitek 2 AST-GN QC Set/4</b>	
Escherichia coli ATCC® 25922™*	R4652018
Escherichia coli ATCC® 35218™*	
Klebsiella pneumoniae subsp. pneumoniae ATCC® 700603™*	
Pseudomonas aeruginosa ATCC® 27853™*	
<b>Vitek 2 AST-GP QC Set/7</b>	
Enterococcus faecalis ATCC® 29212™*	R4652019
Enterococcus faecalis ATCC® 51299™*	
Staphylococcus aureus subsp. aureus ATCC® 29213™*	
Staphylococcus aureus subsp. aureus ATCC® BAA-976™*	
Staphylococcus aureus subsp. aureus ATCC® BAA-977™*	
Staphylococcus aureus subsp. aureus ATCC® BAA-1026™*	
Streptococcus pneumoniae ATCC® 49619™*	
<b>Vitek* 2 BCL 21345 QC Set/12</b>	
Aneurinibacillus aneurinilyticus ATCC® 11376™*	R4652023
Bacillus badius ATCC® 14574™*	
Bacillus circulans ATCC® 61™*	
Bacillus megaterium ATCC® 14581™*	
Bacillus pumilus ATCC® BAA-1434™*	
Brevibacillus agri ATCC® 51663™*	
Brevibacillus laterosporus ATCC® 64™*	
Enterobacter aerogenes ATCC® 13048™*	
Paenibacillus gordonae ATCC® 29948™*	
Paenibacillus macerans ATCC® 8509™*	
Paenibacillus polymyxa ATCC® 7070™*	
Staphylococcus epidermidis ATCC® 12228™*	
<b>Vitek 2 CBC Comprehensive QC Set/11</b>	
Arcanobacterium haemolyticum ATCC® BAA-1784™*	R4652031
Cellulosimicrobium cellulans ATCC® BAA-1816™*	
Cellulosimicrobium cellulans ATCC® BAA-1817™*	
Corynebacterium renale ATCC® BAA-1785™*	
Corynebacterium urealyticum ATCC® 43044™*	
Curtobacterium pusillum ATCC® 19096™*	
Klebsiella oxytoca ATCC® 700324™*	
Microbacterium liquefaciens ATCC® BAA-1819™*	
Microbacterium paraoxydans ATCC® BAA-1818™*	
Microbacterium testaceum ATCC® 15829™*	
Ochrobactrum anthropi ATCC® BAA-749™*	
<b>Vitek 2 GN 21341 QC Set/10</b>	
Acinetobacter baumannii ATCC® BAA-747™*	R4652021
Elizabethkingia meningoseptica ATCC® 13253™*	
Enterobacter hormaechei ATCC® 700323™*	
Klebsiella oxytoca ATCC® 700324™*	
Ochrobactrum anthropi ATCC® BAA-749™*	
Proteus vulgaris ATCC® 6380™*	
Pseudomonas aeruginosa ATCC® 9721™*	
Pseudomonas aeruginosa ATCC® BAA-1744™*	
Shigella sonnei group D ATCC® 25931™*	
Stenotrophomonas maltophilia ATCC® 17666™*	
<b>Vitek 2 GP 21342 QC Set/9</b>	
Enterococcus casseliflavus ATCC® 700327™*	R4652020
Enterococcus saccharolyticus ATCC® 43076™*	
Kocuria kristinae ATCC® BAA-752™*	
Listeria monocytogenes ATCC® BAA-751™*	
Staphylococcus saprophyticus ATCC® BAA-750™*	
Staphylococcus sciuri subsp. sciuri ATCC® 29061™*	
Streptococcus equi subsp. zooepidemicus ATCC® 43079™*	
Streptococcus pneumoniae ATCC® 49619™*	
Streptococcus thermophilus ATCC® 19258™*	
<b>Vitek 2 NH 21346 QC Set/9</b>	
Aggregatibacter aphrophilus ATCC® 33389™*	R4652024
Eikenella corrodens ATCC® BAA-1152™*	
Enterobacter aerogenes ATCC® 13048™*	
Haemophilus influenzae ATCC® 9007™*	
Neisseria gonorrhoeae ATCC® 19424™*	
Neisseria lactamica ATCC® 23970™*	
Oligella urethralis ATCC® 17960™*	
Paenibacillus polymyxa ATCC® 7070™*	
Staphylococcus epidermidis ATCC® 12228™*	

<b>Vitek 2 YST 21343 QC Set/11</b>	
Candida albicans ATCC® 33389™*	R4652022
Candida glabrata ATCC® MYA-2950™*	
Candida lusitanae ATCC® 34499™*	
Candida utilis ATCC® 9950™*	
Kloeckera japonica ATCC® 58370™*	
Oligella ureolytica ATCC® 43534™*	
Prototheca wickerhamii ATCC® 16529™*	
Sporidiobolus salmonicolor ATCC® MYA-4550™*	
Staphylococcus epidermidis ATCC® 12228™*	
Trichosporon mucoides ATCC® 204094™*	
Zygosaccharomyces bailii ATCC® MYA-4549™*	

### Quality Control Organism, quantitative

Each pack contains ten vials. Each kit is designed to deliver <100 CFU/0.1mL. Total diluent volume per vial is 1.1mL. Thermo Scientific™ Quanti-Cult™ Plus should be stored at 2–8°C. Blue foam rack and extra diluents available separately.

Organism	Order Code
Aspergillus brasiliensis ATCC® 16404™*	R4711100
Bacillus subtilis ATCC® 6633™*	R4711221
Brevundimonas diminuta ATCC® 19146™*	R4711300
Burkholderia cenocepacia ATCC® BAA-245™*	R4715221
Burkholderia cepacia ATCC® 25416™*	R4715220
Burkholderia multivorans ATCC® BAA-247™*	R4715222
Candida albicans ATCC® 10231™*	R4711503
Candida albicans ATCC® 2091™*	R4711601
Clostridium sporogenes ATCC® 11437™*	R4711703
Clostridium sporogenes ATCC® 19404™*	R4711700
Enterococcus faecalis ATCC® 29212™*	R4717030
Enterococcus faecium ATCC® 35667™*	R4711956
Escherichia coli ATCC® 25922™*	R4717050
Escherichia coli ATCC® 8739™*	R4717085
Kocuria rhizophila ATCC® 9341™*	R4714075
Pseudomonas aeruginosa ATCC® 9027™*	R4715210
Salmonella enterica subsp. enterica serovar Choleraesuis ATCC® 10708™*	R4719001
Salmonella enterica subsp. enterica serovar Typhimurium ATCC® 13311™*	R4716100
Salmonella enterica subsp. enterica serovar Typhimurium ATCC® 14028™*	R4716000
Salmonella sp. serovar Abony NCTC 6017	R4716007
Serratia marcescens ATCC® 8100™*	R4718001
Shigella sonnei ATCC® 25931™*	R4716300
Staphylococcus aureus subsp. aureus ATCC® 29737™*	R4717020
Staphylococcus aureus subsp. aureus ATCC® 6538P™*	R4719002
Staphylococcus aureus subsp. aureus ATCC® 6538™*	R4717016
Staphylococcus epidermidis ATCC® 12228™*	R4716500
Streptococcus pyogenes ATCC® 19615™*	R4717000

### Quality Control Organism Sets, quantitative

Quanti-Cult Plus sets contain two vials of each of the listed organisms.

Set	Order Code
Growth Promotion Testing QC Set/5	R4721000
Aspergillus brasiliensis ATCC® 16404™*	
Bacillus subtilis ATCC® 6633™*	
Candida albicans ATCC® 10231™*	
Clostridium sporogenes ATCC® 11437™*	
Pseudomonas aeruginosa ATCC® 9027™*	
Growth Promotion 2 QC Set/5	R4721001
Aspergillus brasiliensis ATCC® 16404™*	
Bacillus subtilis ATCC® 6633™*	
Candida albicans ATCC® 10231™*	
Pseudomonas aeruginosa ATCC® 9027™*	
Staphylococcus aureus subsp. aureus ATCC® 6538™*	
Nutritional Adequacy Testing QC Set/6	R4723000
Aspergillus brasiliensis ATCC® 16404™*	
Bacillus subtilis ATCC® 6633™*	
Candida albicans ATCC® 10231™*	
Escherichia coli ATCC® 8739™*	
Pseudomonas aeruginosa ATCC® 9027™*	
Staphylococcus aureus subsp. aureus ATCC® 6538™*	

### Water Quality Control Organism and Sets

Water/Wastewater quality control testing microorganisms in Quanti-Cult format. WaterBugs deliver <50 CFU in a single inoculum to mimic water samples. One test/reconstituted vial.

Set	Order Code
Water QC Kit 1002 SET/3 Contents: 9 WaterBugs (3 per organism); 9 rehydration vials.	R4741002
Enterobacter cloacae subsp. cloacae ATCC® 13047™*	
Escherichia coli Strain C1	
Proteus mirabilis ATCC® 12453™*	
Water QC Kit 1003 SET/2 Contents: 10 WaterBugs (5 per organism); 10 rehydration vials.	R4741003
Escherichia coli Strain C1	
Pseudomonas aeruginosa ATCC® 27853™*	
Water QC Kit 1004 SET/2 Contents: 10 WaterBugs (5 per organism); 10 rehydration vials.	R4741004
Enterobacter cloacae subsp. cloacae ATCC® 13047™*	
Escherichia coli Strain C1	
Water QC Kit 1009 SET/1 Contents: 10 WaterBugs (10 per organism); 10 rehydration vials.	R4741009
Enterococcus faecalis ATCC® 29212™*	

### WaterBugs

Water/Wastewater quality control testing microorganisms in Quanti-Cult format. Thermo Scientific™ WaterBugs™ deliver <50 CFU in a single inoculum to mimic water samples. One test/reconstituted vial. Contents: ten preserved organism vials; ten rehydration vials.

Set	Order Code
Enterobacter cloacae subsp. cloacae ATCC® 13047™*	R4757090
Escherichia coli Strain C1	R4751985
Klebsiella pneumoniae Strain C6	R4753935
Proteus mirabilis ATCC® 12453™*	R4757059
Pseudomonas aeruginosa ATCC® 27853™*	R4757060



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