

GROUP B STREPTOCOCCI TESTING

Thermo Scientific *Brilliance* GBS Agar

Thermo Scientific™ *Brilliance* GBS Agar is a clear, selective chromogenic medium for the presumptive identification of Group B Streptococci (*Streptococcus agalactiae*; GBS) from clinical samples.

Traditional GBS screening methods require a lengthy and oftentimes cumbersome pre-enrichment step. With *Brilliance* GBS Agar specially designed, you can skip it all. Now you can screen directly from patient samples with higher selectivity and get results in 24 hours or less. The streamlined workflow means faster turnaround times and enhanced neonatal care.



REAL-TIME PCR ASSAYS

Thermo Scientific SureTect™ System

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.



ENVIRONMENTAL MONITORING

Thermo Scientific Triple Wrapped Irradiated Plates

Designed for your most regulated environments, Thermo Scientific Triple Wrapped Irradiated Plates feature the latest in quality-assurance technology. From advanced layered protection to enhanced performance, it's the superior choice for environmental monitoring.

A VHP exposure indicator confirms the integrity of the wrapping material and seals during VHP exposure, ensuring optimum media fertility. Protective layers enhance moisture control by incorporating novel elements that permit the passage and absorption of excess moisture, reducing the risk of contamination. Improved shelf life and room temperature storage minimize new batch validation and refrigeration costs.



QUALITY CONTROL ORGANISMS

Newly available as Thermo Scientific, these standardized cultures enable quality control cultures to be prepared quickly, easily and safely. Ready-to-use, disposable products containing stabilized, viable microorganisms in different formats provide choice. For quality results you can depend on, backed by over 30 years of expertise, trust Thermo Scientific quality control organisms.

Thermo Scientific Culti-Loops

Thermo Scientific™ Culti-Loops are ready-to-use, disposable bacteriological loops containing stabilized, viable microorganisms in a unique gel matrix that is more gentle on microorganisms than lyophilization.

Thermo Scientific Quanti-Cult Plus

Thermo Scientific™ Quanti-Cult Plus provides specific and reproducible numbers of viable microorganisms that are derived from authentic, high-quality ATCC® cultures, in a safe, ready-to-rehydrate vial. Each vial delivers up to 10 inocula of 0.1mL, each containing <100 CFU (colony forming units).

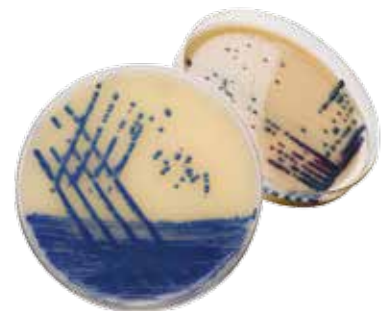


PREPARED MEDIA SELECTION GUIDE

For the isolation, identification, differentiation and susceptibility testing of microorganisms

NEW for 2014, the Prepared Media Selection Guide contains a range of prepared culture media to meet the needs of the clinical, food, pharmaceutical and veterinary laboratory.

Our culture medium expertise and rigorous quality standards have made us a preferred supplier and trusted source of prepared media to laboratories around the world. With a full range of formulations and formats, our media products combine ease-of-use with accurate, reproducible performance. You can rest assured knowing the Thermo Scientific™ culture media that reaches your benchtop will provide optimal performance.



4 Antimicrobial Susceptibility Testing

M.I.C.Evaluator Strips



M.I.C.EVALUATORS™

Accurate MIC values with M.I.C.E.™ strips

Antimicrobial gradient strips for establishing accurate Minimum Inhibitory Concentration (MIC) values. M.I.C.E. strips provide a gradient of stabilized antimicrobial covering 15 doubling dilutions that conform to international standards (CLSI and ISO).

Easy to read MIC values

- Scale conforms to international standards
- Large font simplifies reading

Simple to perform

- Easy to manipulate
- Strip handle is presented when sachet is peeled apart

Convenient

- Single strip packaging – just open and use
- 10 and 50 pack sizes available
- All antimicrobials store at 2–8°C*

Excellent results

- International trials have reported equivalent performance to standard methods.



M.I.C.Evaluator Strips

for the accurate determination of the minimum inhibitory concentration (MIC) of a test organism to an antimicrobial

Amikacin (AK)		
10	256–0.015µg/mL	MA0135D
50	256–0.015µg/mL	MA0135F
Amoxicillin (AML)		
10	256–0.015µg/mL	MA0109D
50	256–0.015µg/mL	MA0109F
Amoxicillin/clavulanic acid (AMC)		
10	256–0.015µg/mL	MA0107D
50	256–0.015µg/mL	MA0107F
Ampicillin (AMP)		
10	256–0.015µg/mL	MA0110D
50	256–0.015µg/mL	MA0110F
Cefotaxime (CTX)		
10	32–0.002µg/mL	MA0111D
50	32–0.002µg/mL	MA0111F
Cefotaxime (CTX)		
10	256–0.015µg/mL	MA0112D
50	256–0.015µg/mL	MA0112F
Ceftaroline (CPT)		
10	32–0.002µg/ml	MA0127D
50	32–0.002µg/ml	MA0127F
Ceftazidime† (CAZ)		
10	256–0.015µg/mL	MA0120D
50	256–0.015µg/mL	MA0120F
Ceftriaxone (CRO)		
10	32–0.002µg/mL	MA0122D
50	32–0.002µg/mL	MA0122F
Ciprofloxacin (CIP)		
10	32–0.002µg/mL	MA0104D
50	32–0.002µg/mL	MA0104F
Clindamycin (DA)		
10	256–0.015µg/mL	MA0119D
50	256–0.015µg/mL	MA0119F
Daptomycin (DAP)		
10	256 - 0.015µg/mL	MA0125D
50	256 - 0.015µg/mL	MA0125F
Erythromycin (E)		
10	256–0.015µg/mL	MA0108D
50	256–0.015µg/mL	MA0108F
Gentamicin (CN)		
10	256–0.015µg/mL	MA0116D
50	256–0.015µg/mL	MA0116F
Gentamicin (CN)		
10	1024–0.06µg/mL	MA0117D
50	1024–0.06µg/mL	MA0117F
Imipenem (IPM)		
10	32–0.002µg/mL	MA0115D
50	32–0.002µg/mL	MA0115F
Levofloxacin (LEV)		
10	32–0.002µg/mL	MA0113D
50	32–0.002µg/mL	MA0113F
Linezolid (LZD)		
10	256–0.015µg/mL	MA0106D
50	256–0.015µg/mL	MA0106F

† Only available in selected territories

* Except Mupirocin which is -20°C storage

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

Meropenem (MEM)		
10	32–0.002µg/mL	MA0121D
50	32–0.002µg/mL	MA0121F
Metronidazole (MTZ)		
10	256–0.015µg/mL	MA0103D
50	256–0.015µg/mL	MA0103F
Mupirocin* (MUP)		
10	1024-0.06µg/mL	MA0126D
50	1024-0.06µg/mL	MA0126F
Oxacillin (OX)		
10	256–0.015µg/mL	MA0114D
50	256–0.015µg/mL	MA0114F
Penicillin G (P)		
10	32–0.002µg/mL	MA0100D
50	32–0.002µg/mL	MA0100F
Penicillin G (P)		
10	256–0.015µg/mL	MA0101D
50	256–0.015µg/mL	MA0101F
Teicoplanin (TEC)		
10	256–0.015µg/mL	MA0118D
50	256–0.015µg/mL	MA0118F
Tetracycline (TE)		
10	256–0.015µg/mL	MA0105D
50	256–0.015µg/mL	MA0105F
Tigecycline (TGC)		
10	256–0.015µg/mL	MA0124D
50	256–0.015µg/mL	MA0124F
Vancomycin (VA)		
10	256–0.015µg/mL	MA0102D
50	256–0.015µg/mL	MA0102F

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

Haemophilus Test Medium (HTM)

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

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 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 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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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
Disc Dispenser (90mm)		
each	for 8 cartridges	ST8090
Disc Dispenser (100mm)		
each	for 6 cartridges	ST6100
Disc Dispenser (100mm)		
each	for 8 cartridges	ST8100
Ejector for using cartridges individually		
6		HP0053A
Desiccant Sachets		
2		HP0063A
Replacement Desiccant (Dispenser)		
each		ST9100
Cartridge Container (complete with desiccant)		
each		HP0055A
Turbidometer for use in the UK and Europe		
each		AU0107A

AST Discs – see next page

6 Antimicrobial Susceptibility Testing

Antimicrobial Susceptibility Testing Discs

Each pack contains 5 cartridges. Each cartridge contains 50 discs.
Discs in routine use should be stored at 2 to 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	DIN	BSAC	EUCAST	SFM
Amikacin	AK	30µg	CT0107B	X	X	X	X	X
Amoxicillin	AML	2µg	CT0060B			X		
Amoxicillin	AML	10µg	CT0161B		X	X	X	
Amoxicillin	AML	25µg	CT0061B					X
Amoxicillin/ clavulanic acid	AMC	3µg	CT0538B			X	X	
Amoxicillin/ clavulanic acid	AMC	30µg	CT0223B	X	X	X	X	X
Ampicillin	AMP	2µg	CT0002B			X	X	
Ampicillin	AMP	10µg	CT0003B	X	X	X	X	X
Ampicillin	AMP	25µg	CT0004B			X		
Ampicillin/sulbactam 1:1	SAM	20µg	CT0520B	X			X	X
Ampicillin/sulbactam 2:1	SAM	30µg	CT1653B		X			
Apramycin	APR	15µg	CT0545B	X				
Azithromycin	AZM	15µg	CT0906B	X	X	X		X
Aztreonam	ATM	30µg	CT0264B	X	X	X	X	X
Bacitracin	B	10 units	CT0005B					
Carbenicillin	CAR	100µg	CT0006B	X	X	X		
Cefaclor	CEC	30µg	CT0149B	X	X	X	X	
Cefadroxil	CFR	30µg	CT0453B				X	X
Cefamandole	MA	30µg	CT0108B	X	X	X		X
Cefepime	FEP	30µg	CT0771B	X		X	X	X
Cefixime	CFM	5µg	CT0653B	X		X	X	
Cefonicid	CID	30µg	CT1894B	X				
Cefoperazone	CFP	30µg	CT0193B		X			X
Cefoperazone	CFP	75µg	CT0249B	X	X			
Cefoperazone/ sulbactam 2:1	SCF	105µg	CT1727B					
Cefotaxime	CTX	5µg	CT0407B			X	X	
Cefotaxime	CTX	30µg	CT0166B	X	X	X		X
Cefotetan	CTT	30µg	CT0665B	X	X	X		X
Cefovecin	CVN	30µg	CT1929B	X				
Cefoxitin	FOX	10µg	DD0026B			X		
Cefoxitin	FOX	30µg	CT0119B	X	X	X	X	X
Cefpirome	CPO	30µg	CT1412B			X		X
Cefpodoxime	CPD	10µg	CT1612B	X	X	X	X	X
Cefprozil	CPR	30µg	CT1647B	X				

KEY

CLSI: Clinical and Laboratory Standards Institute
DIN: Deutsches Institut für Normung
BSAC: British Society for Antimicrobial Chemotherapy
EUCAST: European Committee on Antimicrobial Susceptibility Testing
SFM: Société Française de Microbiologie

Antibiotic	Symbol	Level	Code	CLSI	DIN	BSAC	EUCAST	SFM
Cefsulodin	CFS	30µg	CT0263B		X			X
Ceftaroline	CPT	5µg	CT1942B				X	
Ceftaroline	CPT	30µg	CT1941B	X				
Ceftazidime	CAZ	5µg	CT1629B		X		X	X
Ceftazidime	CAZ	30µg	CT0412B	X	X	X		
Ceftibuten	CFT	30µg	CT1662B	X			X	
Ceftiofur	EFT	30µg	CT1751B	X				X
Ceftizoxime	ZOX	30µg	CT0477B	X	X	X		
Ceftriaxone	CRO	5µg	CT1743B			X		X
Ceftriaxone	CRO	30µg	CT0417B	X	X	X	X	
Cefuroxime sodium	CXM	5µg	CT0406B			X		X
Cefuroxime sodium	CXM	30µg	CT0127B	X	X	X	X	X
Cephalexin	CL	30µg	CT0007B			X	X	X
Cephalothin	KF	30µg	CT0010B	X	X	X		
Cephazolin	KZ	30µg	CT0011B	X	X			X
Cephradine	CE	30µg	CT0063B			X		
Chloramphenicol	C	10µg	CT0012B			X		X
Chloramphenicol	C	30µg	CT0013B	X	X		X	
Chloramphenicol	C	50µg	CT0014B					
Ciprofloxacin	CIP	1µg	CT0623B			X		X
Ciprofloxacin	CIP	5µg	CT0425B	X	X	X	X	
Ciprofloxacin	CIP	10µg	CT1615B					
Clarithromycin	CLR	2µg	CT1599B			X		
Clarithromycin	CLR	5µg	CT1623B			X		
Clarithromycin	CLR	15µg	CT0693B	X				
Clindamycin	DA	2µg	CT0064B	X		X	X	
Clindamycin	DA	10µg	CT0015B					
Cloxacillin	OB	5µg	CT0016B					
Colistin	CT	10µg	CT0017B	X	X			
Colistin	CT	25µg	CT0065B			X		X
Colistin	CT	50µg	CT0664B					
Compound sulphonamides	S3	300µg	CT0059B					
Doripenem	DOR	10µg	CT1880B	X		X	X	
Doxycycline	DO	30µg	CT0018B	X	X	X		

Antibiotic	Symbol	Level	Code	CLSI	DIN	BSAC	EUCAST	SFM
Enrofloxacin	ENR	5µg	CT0639B	X		X		X
Ertapenem	ETP	10µg	CT1761B	X		X	X	
Erythromycin	E	5µg	CT0066B			X		
Erythromycin	E	10µg	CT0019B					
Erythromycin	E	15µg	CT0020B	X	X		X	
Erythromycin	E	30µg	CT0021B					
Florfenicol	FFC	30µg	CT1754B	X				
Fluconazole*	FCA	25µg	CT1806B	X				
Flumequine	UB	30µg	CT0666B					X
Fosfomycin	FOS	50µg	CT0183B					X
Fosfomycin/ trometamol	FOT	200µg	CT0758B			X		
Framycetin	FY	100µg	CT0071B					
Fusidic acid	FD	5µg	CT0493B					
Fusidic acid	FD	10µg	CT0023B	X		X	X	X
Fusidic acid	FD	50µg	CT1617B					
Gentamicin	CN	10µg	CT0024B	X	X	X	X	
Gentamicin	CN	30µg	CT0072B				X	
Gentamicin	CN	120µg	CT0794B	X				
Gentamicin	CN	200µg	CT0695B			X		
Imipenem	IPM	10µg	CT0455B	X	X	X	X	X
Kanamycin	K	5µg	CT0025B					
Kanamycin	K	30µg	CT0026B	X	X			
Levofloxacin	LEV	1µg	CT1586B			X		
Levofloxacin	LEV	5µg	CT1587B	X		X	X	X
Lincomycin	MY	2µg	CT0027B					
Lincomycin	MY	10µg	CT0123B					
Lincomycin	MY	15µg	CT0028B		X			X
Lincomycin/neomycin	LN	75µg	CT1757B					
Lincomycin/ spectinomycin	LS	109µg	CT1758B					
Linezolid	LZD	10µg	CT1649B			X	X	
Linezolid	LZD	30µg	CT1650B	X				X
Lomefloxacin	LOM	10µg	CT1661B	X				
Mecillinam	MEL	10µg	CT0096B	X		X	X	X
Mecillinam	MEL	25µg	CT0091B					
Meropenem	MEM	10µg	CT0774B	X	X	X	X	X
Metronidazole	MTZ	5µg	CT0067B			X		
Metronidazole	MTZ	50µg	CT0466B					
Mezlocillin	MEZ	30µg	CT0174B		X			
Mezlocillin	MEZ	75µg	CT0192B	X	X	X		X
Minocycline	MH	30µg	CT0030B	X	X	X	X	

Antibiotic	Symbol	Level	Code	CLSI	DIN	BSAC	EUCAST	SFM
Moxifloxacin	MXF	1µg	CT1683B			X		
Moxifloxacin	MXF	5µg	CT1633B	X		X	X	X
Mupirocin	MUP	5µg	CT0522B			X		X
Mupirocin	MUP	20µg	CT1826B			X		
Mupirocin	MUP	200µg	CT0523B				X	
Nafcillin	NF	1µg	CT1895B	X				
Nalidixic acid	NA	30µg	CT0031B	X		X	X	X
Neomycin	N	10µg	CT0032B			X		
Neomycin	N	30µg	CT0033B	X				
Netilmicin	NET	10µg	CT0424B		X	X	X	
Netilmicin	NET	30µg	CT0225B	X	X			X
Nitrofurantoin	F	50µg	CT0069B					
Nitrofurantoin	F	100µg	CT0034B		X		X	
Nitrofurantoin	F	200µg	CT0035B			X		
Nitrofurantoin	F	300µg	CT0036B	X				X
Norfloxacin	NOR	2µg	CT0687B			X		
Norfloxacin	NOR	5µg	CT0668B		X			X
Norfloxacin	NOR	10µg	CT0434B	X	X		X	
Novobiocin	NV	5µg	CT0037B					
Novobiocin	NV	30µg	CT0038B					
Nystatin*	NS	100 units	CT0073B					
Ofloxacin	OFX	5µg	CT0446B	X	X	X	X	X
Oleandomycin	OL	15µg	CT0039B					
Oxacillin	OX	1µg	CT0159B	X	X	X	X	
Oxacillin	OX	5µg	CT0040B		X			X
Oxolinic acid	OA	2µg	CT0181B					
Oxytetracycline	OT	30µg	CT0041B		X			
Pefloxacin	PEF	5µg	CT0661B					X
Penicillin G	P	1 unit	CT0152B			X	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	X			X
Penicillin V	PV	10µg	CT1900B					
Penicillin/novobiocin	PNV	40	CT1755B	X				
Pipemidic acid	PIP	20µg	CT0180B		X			X
Piperacillin	PRL	30µg	CT1619B		X		X	
Piperacillin	PRL	75µg	CT0261B		X	X		X
Piperacillin	PRL	100µg	CT0199B	X	X			
Piperacillin/ tazobactam	TZP	36µg	CT1616B				X	
Piperacillin/ tazobactam	TZP	40µg	CT1628B		X			
Piperacillin/ tazobactam	TZP	85µg	CT0720B			X		X

8 Antimicrobial Susceptibility Testing

Antimicrobial and Antifungal Susceptibility Testing Discs

Antibiotic	Symbol	Level	Code	CLSI	DIN	BSAC	EUCAST	SFM
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	X	X
Rifampicin	RD	2µg	CT0078B			X		
Rifampicin	RD	5µg	CT0207B	X	X	X	X	
Rifampicin	RD	30µg	CT0104B					X
Spectinomycin	SH	10µg	CT0046B					
Spectinomycin	SH	25µg	CT0411B			X		
Spectinomycin	SH	100µg	CT0823B	X				X
Spiramycin	SP	100µg	CT0232B					X
Streptomycin	S	10µg	CT0047B	X	X	X		
Streptomycin	S	25µg	CT0048B					
Streptomycin	S	300µg	CT1897B			X	X	
Sulbactam/ampicillin 1:1	SAM	20µg	CT0520B	X			X	X
Sulbactam/ampicillin 1:2	SAM	30µg	CT1653B		X			
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	X		X
Sulphonamides compound	S3	300µg	CT0059B					
Teicoplanin	TEC	30µg	CT0647B	X		X	X	X
Telithromycin	TEL	15µg	CT1714B	X		X	X	X
Tetracycline	TE	10µg	CT0053B			X		
Tetracycline	TE	30µg	CT0054B	X	X		X	
Ticarcillin	TIC	75µg	CT0167B	X	X	X	X	X
Ticarcillin/clavulanic acid 7.5:1	TIM	85µg	CT0449B	X	X	X	X	X
Tigecycline	TGC	15µg	CT1841B	X		X	X	X
Tilmicosin	TIL	15µg	CT1756B	X				
Tobramycin	TOB	10µg	CT0056B	X	X	X	X	X
Tobramycin	TOB	30µg	CT1618B					
Trimethoprim	W	1.25µg	CT0057B					
Trimethoprim	W	2.5µg	CT0070B			X		
Trimethoprim	W	5µg	CT0076B	X	X	X	X	X
Trimethoprim/sulphamethoxazole 1:19	SXT	25µg	CT0052B	X	X	X		X
Vancomycin	VA	5µg	CT0188B			X	X	
Vancomycin	VA	30µg	CT0058B	X	X			X
Voriconazole*	VOR	1µg	CT1807B	X				

Antifungal Susceptibility Testing Discs

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