



Antimicrobial Susceptibility Testing

# Simple, flexible manual AST

Thermo Scientific Oxoid Antimicrobial  
Susceptibility Test Discs

# Ease of diffusion. Maximum reproducibility.

Help fight antimicrobial resistance with the simplicity and flexibility of disc diffusion using Thermo Scientific™ Oxoid™ Antimicrobial Susceptibility Test (AST) Discs. Available in a variety of common and specialised compounds and a full range of concentrations, Oxoid discs allow you to achieve high quality results and achieve high quality results, with many meeting the applicable CLSI and EUCAST requirements.

## Stringent quality control standards

To ensure maximum accuracy and reproducibility, Oxoid discs are manufactured in accordance with appropriate quality standards, including ISO 9001:2015, ISO 13485:2016 and FDA 21 CFR part 820, and undergo comprehensive quality control testing. For clinical applications, Oxoid discs are CE-marked under the IVD directive, 98/79/EC or IVD Regulation (EU) 2017/746, and are currently included in TGA ARTG to supply in Australia as an IVD as well as in New Zealand. In addition:

- Test methods and specifications (zone size) adhere to the applicable standard body guidelines with disc performance being the principle quality parameter
- Batch variation, moisture and concentration testing are also performed utilising an antibiotic concentration specification of 90% to 125%\* of the stated concentration

## Conveniently packaged

- Each pack contains the instructions for use and five cartridges, each containing 50 individually labeled paper discs impregnated with antimicrobial
- Each cartridge is individually sealed with a desiccant to maintain a moisture level of <2%, ensuring the long-term stability of the product and during storage
- QC testing results for each batch can be found at [www.thermofisher.com](http://www.thermofisher.com)

\*For the majority of our AST discs we utilise an antibiotic concentration specification of 90–125% of the stated concentration to manufacture and release product. However, for a proportion of the range, a higher concentration may be required to ensure standard body derived performance specifications are met and maintained throughout shelf life. For these products the concentration may be increased to a maximum of 150% of the stated concentration.



# Flexible dispensing options

The Oxoid range of Disc Dispensers provides accurate disc placement onto a variety of agar plates, including 90 mm and 140 mm diameters, with simple, one-handed operation. Most dispensers are height adjustable to accommodate individual laboratory requirements, and stored in fully interlocking containers to prevent the ingress of moisture and maintain the viability of the antibiotics. The base of the container also contains a desiccant, which ensures a moisture-free environment for opened cartridges, and preserves the integrity of the product.

## The latest antimicrobials

Oxoid discs are backed by over 50 years of experience in antimicrobial susceptibility disc development and production. We maintain close relationships with many pharmaceutical companies and introduce new discs to the market in a timely manner when new compounds become available.



Thermo Scientific™ Oxoid™ Disc Dispenser

# Superior service and support

When you choose Thermo Scientific products for your microbiology needs, consider it the start of a valuable partnership. Whether you need assistance with protocols, product transitions or troubleshooting, our team of experts is ready to help. With best-in-class, multi-language technical support, there's no better partner for your clinical demands than Thermo Fisher Scientific.

## Ordering information

Description	CLSI	EUCAST	Other	Code
<b>Clinical</b>				
Amikacin AK30	Y	Y	Y	CT0107B
Amoxicillin AML10	-	-	-	CT0161B
Amoxicillin AML2	-	-	Y	CT0060B
Amoxicillin/Clavulanic acid AMC3	-	Y	Y	CT0538B
Amoxicillin/Clavulanic acid AMC30	Y	Y	-	CT0223B
Ampicillin Sulbactam SAM20	Y	Y	-	CT0520B
Ampicillin AMP10	Y	Y	-	CT0003B
Ampicillin AMP2	-	Y	-	CT0002B
Azithromycin AZM15	Y	-	Y	CT0906B
Aztreonam ATM30	Y	Y	Y	CT0264B
Bacitracin B10	-	-	Y	CT0005B
Blank Cartridges	N/A	N/A	N/A	CT0998B
Cefaclor CEC30	Y	Y	Y	CT0149B
Cefadroxil CFR30	-	Y	-	CT0453B
Cefamandole MA30	Y	-	-	CT0108B
Cefepime FEP30	Y	Y	-	CT0771B
Cefiderocol FDC30	Y	Y		CT1964B
Cefixime CFM5	Y	Y	-	CT0653B
Cefoperazone CFP75	Y	-	-	CT0249B
Cefotaxime CTX30	Y	-	-	CT0166B
Cefotaxime CTX5	-	Y	Y	CT0407B
Cefotetan CTT30	Y	-	Y	CT0665B
Cefoxitin FOX30	Y	Y	Y	CT0119B
Cefperazone/Sulbactam SCF105	-	-	Y	CT1727B
Cefpodoxime CPD10	Y	Y	Y	CT1612B
Cefsulodin CFS30	-	-	Y	CT0263B
Ceftaroline CPT30	Y	-	-	CT1941B
Ceftaroline CPT5	-	Y	Y	CT1942B
Ceftazidime CAZ10	-	Y	Y	CT1629B
Ceftazidime CAZ30	Y	-	-	CT0412B
Ceftazidime/Avibactam (10/4) CZA14	-	Y	-	CT1948B
Ceftazidime/Avibactam (30/20) CZA50	Y	-	-	CT1947B
Ceftibuten CFT30	Y	Y	-	CT1662B
Ceftizoxime ZOX30*	Y	-	-	CT0477B
Ceftolozane/Tazobactam C/T40	Y	Y	-	CT1970B
Ceftriaxone CRO30	Y	Y	-	CT0417B

Description	CLSI	EUCAST	Other	Code
Cefuroxime CXM30	Y	Y	Y	CT0127B
Cephalexin CL30	-	Y	-	CT0007B
Cephalothin KF30	Y	-	-	CT0010B
Cephazolin KZ30	Y	-	Y	CT0011B
Cephradine CE30	-	-	Y	CT0063B
Chloramphenicol C30	Y	Y	Y	CT0013B
Ciprofloxacin CIP1	-	-	Y	CT0623B
Ciprofloxacin CIP10	-	-	Y	CT1615B
Ciprofloxacin CIP5	Y	Y	-	CT0425B
Clarithromycin CLR15	Y	-	-	CT0693B
Clindamycin DA10	-	-	Y	CT0015B
Clindamycin DA2	Y	Y	Y	CT0064B
Cloxacillin OB5	-	-	Y	CT0016B
Colistin Sulphate CT10	Y	-	-	CT0017B
Compound Sulphonamide S3 300	-	-	Y	CT0059B
Doripenem DOR10	Y	Y	Y	CT1880B
Doxycycline DO30	Y	-	Y	CT0018B
Ertapenem ETP10	Y	Y	Y	CT1761B
Erythromycin E10	-	-	Y	CT0019B
Erythromycin E15	Y	Y	-	CT0020B
Erythromycin E30	-	-	Y	CT0021B
Fosfomycin FOS50	-	-	Y	CT0183B
Fosfomycin trometamol FOT 200ug	Y	-	Y	CT0758B
Fusidic Acid FD10	Y	Y	-	CT0023B
Fusidic Acid FD5	-	-	Y	CT0493B
Fusidic Acid FD50	-	-	Y	CT1617B
Gentamicin CN10	Y	Y	Y	CT0024B
Gentamicin CN120	Y	-	-	CT0794B
Gentamicin CN30	-	Y	-	CT0072B
Imipenem IPM10	Y	Y	Y	CT0455B
Kanamycin K30	Y	-	-	CT0026B
Kanamycin K5	-	-	Y	CT0025B
Levofloxacin LEV5	Y	Y	-	CT1587B
Lincomycin MY10	-	-	Y	CT0123B
Lincomycin MY15	-	-	Y	CT0028B
Lincomycin MY2	-	-	Y	CT0027B
Lincomycin/Spectinomycin LS109	-	-	Y	CT1758B
Linezolid LZD10	-	Y	Y	CT1649B
Linezolid LZD30	Y	-	-	CT1650B
Mecillinam MEL10	Y	Y	-	CT0096B
Meropenem MEM10	Y	Y	-	CT0774B
Metronidazole MTZ5	-	Y	Y	CT0067B
Metronidazole MTZ50	-	-	Y	CT0466B
Minocycline MH30	Y	Y	-	CT0030B
Moxifloxacin MXF5	Y	Y	-	CT1633B
Mupirocin MUP200	-	Y	-	CT0523B
Mupirocin MUP5	-	-	Y	CT0522B
Nalidixic Acid NA30	Y	Y	Y	CT0031B
Neomycin N10	-	-	Y	CT0032B
Netilmicin NET10	-	Y	-	CT0424B
Netilmicin NET30	Y	-	-	CT0225B

Description	CLSI	EUCAST	Other	Code
Nitrofurantoin F100	-	Y	-	CT0034B
Nitrofurantoin F200	-	-	Y	CT0035B
Nitrofurantoin F300	Y	-	-	CT0036B
Nitrofurantoin F50	-	-	Y	CT0069B
Norfloxacin NOR10	Y	Y	Y	CT0434B
Norfloxacin NOR5	-	-	Y	CT0668B
Novobiocin NV30	-	-	Y	CT0038B
Novobiocin NV5	-	-	Y	CT0037B
Ofloxacin OFX5	Y	Y	-	CT0446B
Oxacillin OX1	Y	Y	Y	CT0159B
Oxacillin OX5	-	-	Y	CT0040B
Oxolinic Acid OA2	-	-	Y	CT0181B
Oxytetracycline OT30	-	-	Y	CT0041B
Pefloxacin PEF5	-	Y	-	CT0661B
Penicillin G P1	-	Y	-	CT0152B
Penicillin G P1.5	-	-	Y	CT0042B
Penicillin G P10	Y	-	-	CT0043B
Penicillin G P2	-	-	Y	CT0088B
Penicillin G P5	-	-	Y	CT0124B
Piperacillin PRL100	Y	-	-	CT0199B
Piperacillin PRL30	-	Y	-	CT1619B
Piperacillin/Tazobactam TZP110	Y	-	-	CT0725B
Piperacillin/Tazobactam TZP36	-	Y	-	CT1616B
Polymyxin B PB300	Y	-	Y	CT0044B
Rifampicin RD30	-	-	Y	CT0104B
Rifampicin RD5	Y	Y	Y	CT0207B
Spectinomycin SH10	-	-	Y	CT0046B
Spectinomycin SH100	Y	-	-	CT0823B
Streptomycin S10	Y	-	-	CT0047B
Streptomycin S25	-	-	Y	CT0048B
Streptomycin S300	-	-	Y	CT1897B
Sulphafurazole SF300	Y	-	-	CT0075B
Sulphamethoxazole RL25	-	-	Y	CT0051B
Sulphamethoxazole/Trimethoprim SXT25	Y	Y	Y	CT0052B
Teicoplanin TEC30	Y	Y	-	CT0647B
Temocillin TEM30	-	-	-	CT1952B
Tetracycline TE10	-	-	Y	CT0053B
Tetracycline TE30	Y	Y	-	CT0054B
Ticarcillin TIC75	Y	Y	Y	CT0167B
Tigecycline TGC15	Y	Y	Y	CT1841B
Tobramycin TOB10	Y	Y	Y	CT0056B
Tobramycin TOB30	-	-	Y	CT1618B
Trimethoprim W5	Y	Y	Y	CT0076B
Vancomycin VA30	Y	-	-	CT0058B
Vancomycin VA5	-	Y	-	CT0188B

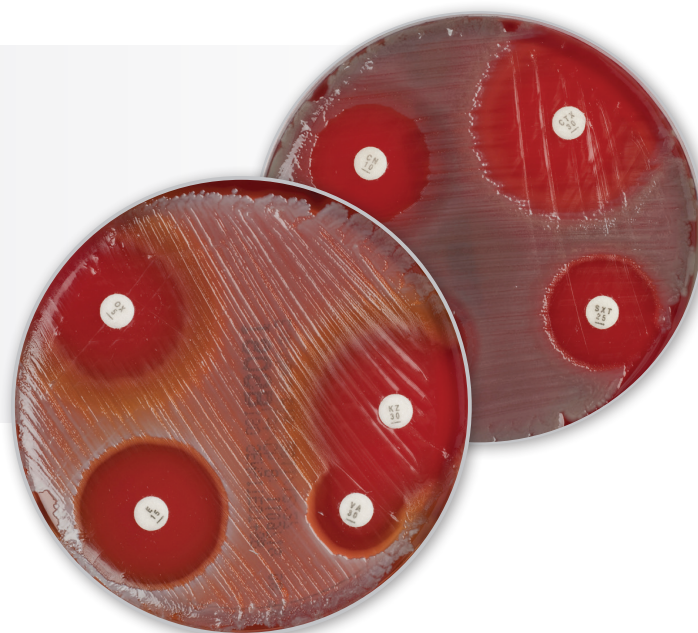
Description	Quantity	Code
<b>Veterinary</b>		
Amoxicillin AML25	5 x 50 discs	CT0061B
Apramycin 42095	5 x 50 discs	CT0545B
Cefoperazone CFP30	5 x 50 discs	CT0193B
Cefovecin CVN30	5 x 50 discs	CT1929B
Ceftiofur EFT30	5 x 50 discs	CT1751B
Colistin Sulphate CT50	5 x 50 discs	CT0664B
Enrofloxacin ENR5	5 x 50 discs	CT0639B
Florfenicol FFC30	5 x 50 discs	CT1754B
Neomycin N30	5 x 50 discs	CT0033B
Penicillin/Novobiocin PNV40	5 x 50 discs	CT1755B
Spiramycin SP100	5 x 50 discs	CT0232B
Tilmicosin TIL15	5 x 50 discs	CT1756B
<b>Antifungal</b>		
Fluconazole FCA25	5 x 50 discs	CT1806B
Voriconazole VOR1	5 x 50 discs	CT1807B
<b>Diagnostic Discs</b>		
O129 150 µg	1 x 50 discs	DD0015T
AN-IDENT Discs	6 x 50 discs	DD0006A
Bacitracin BC	5 x 50 disc	DD0002B
Cefoxitin FOX10	5 x 50 disc	DD0026B
Cefpodoxime Combi Disc Kit CPD10/CD01	2 x (5 x 50) discs	DD0029B *
Furazolidone 100 µg	5 x 50 disc	DD0028B
Kanamycin 1000 K1000	5 x 50 disc	DD0027B
Metronidazole MZDD	1 x 50 discs	DD0008T
ONPG	1 x 50 discs	DD0013T
Optochin OP	5 x 50 disc	DD0001B
SPS	1 x 50 discs	DD0016T
Sulphonamide SUL	1 x 50 discs	DD0011T
V Factor	5 x 50 disc	DD0004B
	1 x 50 discs	DD0004T
X Factor	5 x 50 disc	DD0003B
	1 x 50 discs	DD0003T
X+V Factor	5 x 50 disc	DD0005B
	1 x 50 discs	DD0005T

\* Australia-only

**Ordering information**

Description	Quantity	Code
<b>Oxoid AST Disc Dispensers</b>		
90 mm plate diameter	6 discs	ST6090
	8 discs	ST8090
140 mm plate diameter	12 discs	ST1215
<b>Other supplies</b>		
Replacement desiccant, dispenser	Each	ST9100
Desiccant sachets	2 sachets	HP0063A
Cartridge container, complete with desiccant	Each	HP0055A
Ejector	6 ejectors/pk	HP0053A
<b>Companion products</b>		
0.85% Saline (2.5 ml) Labelled	100 pack	EB1364Q
Mueller Hinton Agar Plates	10 pack	PP2096
Mueller Hinton HTM Agar Plates	10 pack	PP2113
Mueller Hinton with Sheep Blood Agar Plates	10 pack	PP2192
Mueller Hinton + 5% HB + 20mg/L NAD Plates	10 pack	PP2463
Mueller Hinton with Lysed HBA Plates	10 pack	PP2097
Mueller Hinton + Meth Blue + Glucose Plates	10 pack	PP2416
Mueller Hinton Broth 100mL	Each	TM1199
Alkaline Saline Peptone Water (ISO)	1 x 500g	CM1117B
Mueller-Hinton Agar	1 x 500g	CM0337B
Mueller-Hinton Agar	1 x 2.5kg	CM0337R
Mueller-Hinton Agar	1 x 5kg	CM0337T
Mueller-Hinton Broth	1 x 500g	CM0405B

We also offer a full range of McFarland Standards and Thermo Scientific™ Culti-Loops™ Quality Control Organisms to complete your manual AST workflow.



For local technical support contact us:

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For customer service, call: 1300-735-292

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