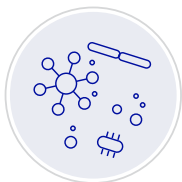
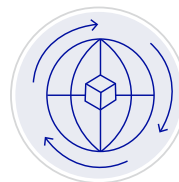


MASTDISCS®

Complete solutions for AST and
Identification Disc Testing



Trusted
expertise



Comprehensive range
available globally



Proven quality,
reliable performance



EUCAST and CLSI
compliant

Leaders in Antibiotic Susceptibility Testing Since 1959

For over 6 decades, Mast has been driving innovation in antimicrobial susceptibility, combination, and identification disc technology. Our ever-growing portfolio delivers one of the most comprehensive ranges available worldwide, trusted globally by laboratories and healthcare professionals.

Through our **mastpharma®** development and **mastpharma®** stability services, we partner with and support the pharmaceutical industry in evaluating novel antimicrobial compounds.

Disc diffusion remains the leading method for determining bacterial antibiotic susceptibility in infectious disease management. Its reliability and global acceptance are reinforced by internationally standardised guidelines from the European Committee on Antimicrobial Susceptibility Testing (EUCAST) and the Clinical and Laboratory Standards Institute (CLSI).

MASTDISCS® are available in a wide range of test discs, presented in dispensing cartridges or vials, in accordance with quality assurance protocols aligned with International standards.



Susceptibility Testing

MASTDISCS®AST

ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD		Pack Size
		EUCAST	CLSI	
AK30C	Amikacin 30	✓	✓	5 x 50 discs
AUG3C	Amoxicillin/Clavulanic acid 2-1	✓	-	5 x 50 discs
AUG30C	Amoxicillin/Clavulanic acid 20-10	✓	✓	5 x 50 discs
AP2C	Ampicillin 2	✓	-	5 x 50 discs
AP10C	Ampicillin 10	✓	✓	5 x 50 discs
AZA50C	Aztreonam/Avibactam 30-20	✓	✓	5 x 50 discs
SAM20C	Ampicillin/Sulbactam 10-10	✓	✓	5 x 50 discs
ATH15C	Azithromycin 15	-	✓	5 x 50 discs
ATM30C	Aztreonam 30	✓	✓	5 x 50 discs
BA10C	Bacitracin 10 units	-	-	5 x 50 discs
CFC30C	Cefaclor 30	✓	✓	5 x 50 discs
CDX30C	Cefadroxil 30	✓	-	5 x 50 discs
CFX30C	Cefalexin 30	✓	-	5 x 50 discs
KF30C	Cefalothin 30	-	✓	5 x 50 discs
CZ30C	Cefazolin 30	✓	✓	5 x 50 discs
CPM30C	Cefepime 30	✓	✓	5 x 50 discs
FDC30C	Cefiderocol 30	✓	✓	5 x 50 discs
CFM5C	Cefixime 5	✓	✓	5 x 50 discs
CTX5C	Cefotaxime 5	✓	-	5 x 50 discs
CTX30C	Cefotaxime 30	-	✓	5 x 50 discs
FOX30C	Cefoxitin 30	✓	✓	5 x 50 discs
CPD10C	Cefpodoxime 10	✓	✓	5 x 50 discs
CPT5C	Ceftaroline 5	✓	-	5 x 50 discs
CPT30C	Ceftaroline 30	-	✓	5 x 50 discs
CAZ10C	Ceftazidime 10	✓	-	5 x 50 discs
CAZ30C	Ceftazidime 30	-	✓	5 x 50 discs
CZA14C	Ceftazidime/Avibactam 10-4	✓	-	5 x 50 discs
CZA50C	Ceftazidime/Avibactam 30-20	-	✓	5 x 50 discs
CFB30C	Ceftibuten 30	✓	✓	5 x 50 discs
BPR5C	Ceftobiprole 5	✓	-	5 x 50 discs
C/T40C	Ceftolozane/Tazobactam 30-10	✓	✓	5 x 50 discs
CRO30C	Ceftriaxone 30	✓	✓	5 x 50 discs
CXM30C	Cefuroxime 30	✓	✓	5 x 50 discs
C30C	Chloramphenicol 30	✓	✓	5 x 50 discs
CIP5C	Ciprofloxacin 5	✓	✓	5 x 50 discs
CLA15C	Clarithromycin 15	-	✓	5 x 50 discs
CD2C	Clindamycin 2	✓	✓	5 x 50 discs
DOR10C	Doripenem 10	✓	✓	5 x 50 discs
DXT30C	Doxycycline 30	-	✓	5 x 50 discs
ERV20C	Eravacycline 20	✓	✓	5 x 50 discs
ETP10C	Ertapenem 10	✓	✓	5 x 50 discs
E15C	Erythromycin 15	✓	✓	5 x 50 discs
FOT200C	Fosfomycin/Glucose-6-Phosphate 200	✓	✓	5 x 50 discs
FC10C	Fusidic Acid 10	✓	-	5 x 50 discs
GM10C	Gentamicin 10	✓	✓	5 x 50 discs
GM30C	Gentamicin 30	✓	-	5 x 50 discs
GM120C	Gentamicin 120	-	✓	5 x 50 discs
IMI10C	Imipenem 10	✓	✓	5 x 50 discs
IMR35C	Imipenem/Relebactam 10-25	✓	✓	5 x 50 discs
K30C	Kanamycin 30	-	✓	5 x 50 discs
LEV5C	Levofloxacin 5	✓	✓	5 x 50 discs
LZD10C	Linezolid 10	✓	-	5 x 50 discs
LZD30C	Linezolid 30	-	✓	5 x 50 discs
MEC10C	Mecillinam 10	✓	✓	5 x 50 discs
MEM10C	Meropenem 10	✓	✓	5 x 50 discs
MEV30C	Meropenem/Vaborbactam 20-10	✓	✓	5 x 50 discs
MZ5C	Metronidazole 5	✓	-	5 x 50 discs

Susceptibility Testing

MASTDISCS®AST

ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD		Pack Size
		EUCAST	CLSI	
MN30C	Minocycline 30	✓	✓	5 x 50 discs
MFX5C	Moxifloxacin 5	✓	✓	5 x 50 discs
MUP200C	Mupirocin 200	✓	-	5 x 50 discs
NA30C	Nalidixic Acid 30	✓	✓	5 x 50 discs
NE10C	Neomycin 10	✓	-	5 x 50 discs
NET10C	Netilmicin 10	-	-	5 x 50 discs
NET30C	Netilmicin 30	-	✓	5 x 50 discs
NI100C	Nitrofurantoin 100	✓	-	5 x 50 discs
NI300C	Nitrofurantoin 300	-	✓	5 x 50 discs
NIB30C	Nitroxoline 30	✓	-	5 x 50 discs
NOR10C	Norfloxacin 10	✓	✓	5 x 50 discs
NO5C	Novobiocin 5	-	-	5 x 50 discs
OFX5C	Ofloxacin 5	✓	✓	5 x 50 discs
OX1C	Oxacillin 1	✓	✓	5 x 50 discs
PEF5C	Pefloxacin 5	✓	✓	5 x 50 discs
PG1C	Penicillin G 1 unit	✓	-	5 x 50 discs
PG10C	Penicillin G 10 units	-	✓	5 x 50 discs
PRL30C	Piperacillin 30	✓	-	5 x 50 discs
PRL100C	Piperacillin 100	-	✓	5 x 50 discs
PTZ36C	Piperacillin/Tazobactam 30-6	✓	-	5 x 50 discs
PTZ110C	Piperacillin/Tazobactam 100-10	-	✓	5 x 50 discs
RP5C	Rifampicin 5	✓	✓	5 x 50 discs
S10C	Streptomycin 10	✓	✓	5 x 50 discs
S300C	Streptomycin 300	✓	✓	5 x 50 discs
SUD20C	Sulbactam/Durlobactam 10-10	-	✓	5 x 50 discs
TEC30C	Teicoplanin 30	✓	✓	5 x 50 discs
TEM30C	Temocillin 30	✓	-	5 x 50 discs
T30C	Tetracycline 30	✓	✓	5 x 50 discs
TIM85C	Ticarcillin/Clavulanic acid 75-10	✓	✓	5 x 50 discs
TGC15C	Tigecycline 15	✓	✓	5 x 50 discs
TN10C	Tobramycin 10	✓	✓	5 x 50 discs
TM5C	Trimethoprim 5	✓	✓	5 x 50 discs
TS25C	Trimethoprim/Sulfamethoxazole 1.25-23.75	✓	✓	5 x 50 discs
VA5C	Vancomycin 5	✓	-	5 x 50 discs
VA30C	Vancomycin 30	-	✓	5 x 50 discs
BD0680W/C/NCE	Blank discs NO CE MARK	-	-	5 x 50 discs

MASTDISCS®AST

ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD		Pack Size
		EUCAST	CLSI	
PY100C/NCE	Carbenicillin 100 NO CE MARK	-	-	5 x 50 discs
CX5C/NCE	Cloxacillin 5 NO CE MARK	-	-	5 x 50 discs
CO10C/NCE	Colistin Sulphate NO CE MARK	-	-	5 x 50 discs
CO25C/NCE	Colistin Sulphate 20 NO CE MARK	-	-	5 x 50 discs
PB300C/NCE	Polymyxin B 300 Units NO CE MARK	-	-	5 x 50 discs
TC75C/NCE	Ticarcillin75 NO CE MARK	-	-	5 x 50 discs

Susceptibility Testing

MASTDISCS®AST

VETERINARY ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description Antibiotic & Content µg per disc (unless otherwise stated)		Pack Size
A25C/NCE	Amoxicillin 25	NO CE MARK	5 x 50 discs
CFX15/K30C/NCE	Cefalexin/kanamycin 15-30	NO CE MARK	5 x 50 discs
CPZ30C/NCE	Cefoperazone 30	NO CE MARK	5 x 50 discs
CEF30C/NCE	Cefovecin 30	NO CE MARK	5 x 50 discs
CEQ30C/NCE	Cefquinome 30	NO CE MARK	5 x 50 discs
EFT30C/NCE	Ceftiofur 30	NO CE MARK	5 x 50 discs
CNM30C/NCE	Cephalonium 30	NO CE MARK	5 x 50 discs
CO50C/NCE	Colistin Sulphate 50	NO CE MARK	5 x 50 discs
ENF5C/NCE	Enrofloxacin 5	NO CE MARK	5 x 50 discs
FFC30C/NCE	Florfenicol 30	NO CE MARK	5 x 50 discs
GAM15C/NCE	Gamithromycin 15	NO CE MARK	5 x 50 discs
GM15C/NCE	Gentamicin 15	NO CE MARK	5 x 50 discs
MAR5C/NCE	Marbofloxacin 5	NO CE MARK	5 x 50 discs
NE30C/NCE	Neomycin 30	NO CE MARK	5 x 50 discs
PB300C/NCE	Polymyxin B 300 Units	NO CE MARK	5 x 50 discs
PRA5C/NCE	Pradofloxacin 5	NO CE MARK	5 x 50 discs
TIP60C/NCE	Tildipirison 60	NO CE MARK	5 x 50 discs
TUL30C/NCE	Tulathromycin 30	NO CE MARK	5 x 50 discs
TY30C/NCE	Tylosin 30	NO CE MARK	5 x 50 discs

MASTDISCS®AST

ANTIBIOTIC SUSCEPTIBILITY DISCS IN VIALS - STOCK RANGE

Product Code	Product Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD		Pack Size
		EUCAST	CLSI	
BA10	Bacitracin 10 units	-	-	100 discs
CPD10	Cefpodoxime 10	✓	✓	100 discs
C30	Chloramphenicol 30	✓	✓	100 discs
GM10	Gentamicin 10	✓	✓	100 discs
MZ5	Metronidazole 5	✓	-	100 discs
OX1	Oxacillin 1	✓	✓	100 discs
PG1	Penicillin G 1 unit	✓	-	100 discs
BD0638W/NCE	Blank discs	NO CE MARK	-	100 discs

MASTDISCS®AST

ANTIFUNGAL ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD		Pack Size
		EUCAST	CLSI	
AMB20C/NCE	Amphotericin B 20	-	-	5 x 50 discs
CTM10C/NCE	Clotrimazole 10	-	-	5 x 50 discs
ECN10C/NCE	Econazole 10	-	-	5 x 50 discs
FCN10C/NCE	Fluconazole 10	-	-	5 x 50 discs
FCN25C/NCE	Fluconazole 25	-	✓	5 x 50 discs
FY1C/NCE	Flucytosine 1	-	-	5 x 50 discs
KCA10C/NCE	Ketoconazole 10	-	-	5 x 50 discs
MCL10C/NCE	Miconazole 10	-	-	5 x 50 discs
NY100C/NCE	Nystatin 100	-	-	5 x 50 discs
RZF5C	Rezafungin 5	-	✓	5 x 50 discs

AMR Testing

MASTDISCS®COMBI

COMBINATION DISC SETS FOR AMR DETECTION

Product Code	Product Description	Mechanism	Pack Size
D52C	ESβL Detection Set (CPD 30)	ESβL	50 tests
D62C	Cefotaxime 30 & Cefotaxime/Clavulanic Acid 30/10	ESβL	150 tests
D63C	Cefepime 30 & Cefepime/Clavulanic Acid 30/10	ESβL	150 tests
D64C	Ceftazidime 30 & Ceftazidime/Clavulanic Acid 30/10	ESβL	150 tests
D66C	Cefpodoxime 10 & Cefpodoxime/Clavulanic Acid 10/1	ESβL	150 tests
D67C	ESβL Detection Set (CPD 10)	ESβL	50 tests
D68C	AmpC & ESβL Disc Set	AmpC/ESβL	50 tests
D69C	AmpC Detection Set	AmpC	50 tests
D72C	AmpC, ESβL and Carbapenemase Detection Set	AmpC/ESβLs/Carba	50 tests
D73C	MAST® Carba plus	MBL/KPC/OXA	50 tests
D76C	ESβL Detection Set (EUCAST)	ESβL	50 Tests

Additional carbapenemase screening and identification tests

D71C	MAST®CAT-ID - For presumptive identification of carbapenemase production		250 Tests
D74	MAST® ICT - screening test for the detection of carbapenemase production in Enterobacterales, <i>Pseudomonas</i> and <i>Acinetobacter</i> spp.		25 Tests
TEM30C	To aid presumptive identification of OXA-48		5 x 50 discs

MASTDISCS®AST

LOW CONTENT PENICILLIN DISCS

For detecting the emergence of penicillin resistance. (99+/- 2 discs or 5 x 50 discs in cartridges)

Product Code	Product Description	STANDARD		Pack Size
		EUCAST	CLSI	
PG1	Penicillin G 1 unit in Vials	✓	-	1 vial
PG1C	Penicillin G 1 unit in Cartridges	✓	-	1 pack

HIGH CONTENT AMINOGLYCOSIDE DISCS

The following discs are available to special order and subject to 6 weeks lead time.

For detecting high level aminoglycoside resistance. (99+/- 2 discs or 5 x 50 discs in cartridges)

Product Code	Product Description	STANDARD		Pack Size
		EUCAST	CLSI	
GM500C/NCE	Gentamicin 500ug Discs in Cartridges	-	-	18 packs
K1000C/NCE	Kanamycin 1000ug Discs in Cartridges	-	-	18 packs
K1000/NCE	Kanamycin 1000ug Discs in Vials	-	-	22 vials

Susceptibility Testing

DISCMASTER DISPENSER

A robust and reliable antimicrobial cartridge disc dispenser designed for use with MAST Antimicrobial Susceptibility Test Cartridges.

Product Code	Product Description	Pack Size
MDD65	MAST®DISCMASTER® Dispenser - 6 place	1 unit
MDD8	MAST®DISCMASTER® Dispenser - 8 place	1 unit
SILICA63	Silica Gel Capsule for MDD65 & MDD8	4 capsules
SHD5	Single cartridge hand dispenser	5

MASTDISCS® ID

IDENTIFICATION DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description	Presumptive identification of	Tests
D40C	Bacitracin Discs (0.04i.u.)	Group A <i>streptococci</i>	250 tests
D41C	Bacitracin Discs (0.1i.u.)	Group A <i>streptococci</i>	250 tests
D42C	Optochin Discs	<i>Strep.pneumoniae</i>	250 tests
D43C	X Factor Discs	<i>Haemophilus spp.</i>	250 tests
D44C	V Factor Discs	<i>Haemophilus spp.</i>	250 tests
D45C	X+V Factor Discs	<i>Haemophilus spp.</i>	250 tests
D46C	Metronidazole Discs	<i>Gardnerella vaginalis</i>	250 tests
D47C	Sulphathiazole Discs	<i>Gardnerella vaginalis</i>	250 tests
D57C	Oxidase Discs	<i>Pseudomonas spp.</i>	250 tests

IDENTIFICATION DISCS IN VIALS - STOCK RANGE

Product Code	Product Description	Presumptive identification of	Tests
D40	Bacitracin Discs (0.04i.u.)	Group A <i>streptococci</i>	100 tests
D41	Bacitracin Discs (0.1i.u.)	Group A <i>streptococci</i>	100 tests
D42	Optochin Discs	<i>Strep pneumoniae</i>	100 tests
D43	X Factor Discs	<i>Haemophilus spp.</i>	100 tests
D44	V Factor Discs	<i>Haemophilus spp.</i>	100 tests
D45	X+V Factor Discs	<i>Haemophilus spp.</i>	100 tests
D46	Metronidazole Discs	<i>Gardnerella vaginalis</i>	100 tests
D57	Oxidase Discs	<i>Pseudomonas spp.</i>	100 tests
D59	Nitrocefin Discs	β-lactamase Detection	50 tests

IDENTIFICATION DISCS IN VIAL - SPECIAL

The following discs are available to special order and subject to 6 weeks lead time.

Product Code	Product Description	Presumptive identification of	Tests
D55	SPS ID Discs (<i>Peptostreptococcus anaerobius</i>)	<i>Peptostreptococcus spp</i>	100 tests



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