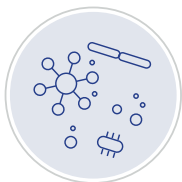


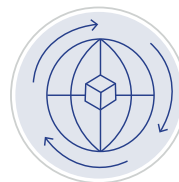


MASTDISCS®

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	
110124	Amikacin 30	✓	✓	5 x 50 discs
110117	Amoxicillin/Clavulanic acid 2-1	✓	-	5 x 50 discs
110116	Amoxicillin/Clavulanic acid 20-10	✓	✓	5 x 50 discs
110129	Ampicillin 2	✓	-	5 x 50 discs
110122	Ampicillin 10	✓	✓	5 x 50 discs
110149	Aztreonam/Avibactam 30-20	✓	✓	5 x 50 discs
110127	Ampicillin/Sulbactam 10-10	✓	✓	5 x 50 discs
110145	Azithromycin 15	-	✓	5 x 50 discs
110146	Aztreonam 30	✓	✓	5 x 50 discs
110312	Bacitracin 10 units	-	-	5 x 50 discs
113049	Cefaclor 30	✓	✓	5 x 50 discs
113057	Cefadroxil 30	✓	-	5 x 50 discs
113132	Cefalexin 30	✓	-	5 x 50 discs
113012	Cefalothin 30	-	✓	5 x 50 discs
113054	Cefazolin 30	✓	✓	5 x 50 discs
113002	Cefepime 30	✓	✓	5 x 50 discs
113170	Cefiderocol 30	✓	✓	5 x 50 discs
113058	Cefixime 5	✓	✓	5 x 50 discs
113116	Cefotaxime 5	✓	-	5 x 50 discs
113018	Cefotaxime 30	-	✓	5 x 50 discs
113133	Cefoxitin 30	✓	✓	5 x 50 discs
113152	Cefpodoxime 10	✓	✓	5 x 50 discs
113156	Ceftaroline 5	✓	-	5 x 50 discs
113158	Ceftaroline 30	-	✓	5 x 50 discs
113079	Ceftazidime 10	✓	-	5 x 50 discs
113013	Ceftazidime 30	-	✓	5 x 50 discs
113164	Ceftazidime/Avibactam 10-4	✓	-	5 x 50 discs
113166	Ceftazidime/Avibactam 30-20	-	✓	5 x 50 discs
113072	Ceftibuten 30	✓	✓	5 x 50 discs
113138	Ceftobiprole 5	✓	-	5 x 50 discs
113162	Ceftolozane/Tazobactam 30-10	✓	✓	5 x 50 discs
113056	Ceftriaxone 30	✓	✓	5 x 50 discs
113050	Cefuroxime 30	✓	✓	5 x 50 discs
113016	Chloramphenicol 30	✓	✓	5 x 50 discs
113142	Ciprofloxacin 5	✓	✓	5 x 50 discs
113060	Clarithromycin 15	-	✓	5 x 50 discs
113022	Clindamycin 2	✓	✓	5 x 50 discs
110402	Doripenem 10	✓	✓	5 x 50 discs
111412	Doxycycline 30	-	✓	5 x 50 discs
110504	Eravacycline 20	✓	✓	5 x 50 discs
110502	Ertapenem 10	✓	✓	5 x 50 discs
110515	Erythromycin 15	✓	✓	5 x 50 discs
110621	Fosfomycin/Glucose-6-Phosphate 200	✓	✓	5 x 50 discs
110617	Fusidic Acid 10	✓	-	5 x 50 discs
110725	Gepotidacin	✓	✓	5 x 50 discs
110712	Gentamicin 10	✓	✓	5 x 50 discs
110717	Gentamicin 30	✓	-	5 x 50 discs
110718	Gentamicin 120	-	✓	5 x 50 discs
110913	Imipenem 10	✓	✓	5 x 50 discs
110910	Imipenem/Relebactam 10-25	✓	✓	5 x 50 discs
111112	Kanamycin 30	-	✓	5 x 50 discs
111242	Levofloxacin 5	✓	✓	5 x 50 discs
111246	Linezolid 10	✓	-	5 x 50 discs
111240	Linezolid 30	-	✓	5 x 50 discs
111332	Mecillinam 10	✓	✓	5 x 50 discs
111352	Meropenem 10	✓	✓	5 x 50 discs
111348	Meropenem/Vaborbactam 20-10	✓	✓	5 x 50 discs
111328	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	
111340	Minocycline 30	✓	✓	5 x 50 discs
111364	Moxifloxacin 5	✓	✓	5 x 50 discs
111342	Mupirocin 200	✓	-	5 x 50 discs
111426	Nalidixic Acid 30	✓	✓	5 x 50 discs
111436	Neomycin 10	✓	-	5 x 50 discs
111438	Netilmicin 10	-	-	5 x 50 discs
111434	Netilmicin 30	-	✓	5 x 50 discs
111427	Nitrofurantoin 100	✓	-	5 x 50 discs
111432	Nitrofurantoin 300	-	✓	5 x 50 discs
111444	Nitroxoline 30	✓	-	5 x 50 discs
111433	Norfloxacin 10	✓	✓	5 x 50 discs
111463	Novobiocin 5	-	-	5 x 50 discs
111516	Ofloxacin 5	✓	✓	5 x 50 discs
111515	Oxacillin 1	✓	✓	5 x 50 discs
111634	Pefloxacin 5	✓	✓	5 x 50 discs
111606	Penicillin G 1 unit	✓	-	5 x 50 discs
111614	Penicillin G 10 unit	-	✓	5 x 50 discs
111618	Piperacillin 30	✓	-	5 x 50 discs
111616	Piperacillin 100	-	✓	5 x 50 discs
111628	Piperacillin/Tazobactam 30-6	✓	-	5 x 50 discs
111642	Piperacillin/Tazobactam 100-10	-	✓	5 x 50 discs
111816	Rifampicin 5	✓	✓	5 x 50 discs
111925	Streptomycin 10	✓	✓	5 x 50 discs
111946	Streptomycin 300	✓	✓	5 x 50 discs
111950	Sulbactam/Durlobactam 10-10	-	✓	5 x 50 discs
112022	Teicoplanin 30	✓	✓	5 x 50 discs
112038	Temocillin 30	✓	-	5 x 50 discs
112010	Tetracycline 30	✓	✓	5 x 50 discs
112033	Ticarcillin/Clavulanic acid 75-10	✓	✓	5 x 50 discs
112056	Tigecycline 15	✓	✓	5 x 50 discs
112020	Tobramycin 10	✓	✓	5 x 50 discs
112026	Trimethoprim 5	✓	✓	5 x 50 discs
113122	Trimethoprim/Sulfamethoxazole 1.25-23.75	✓	✓	5 x 50 discs
112028	Vancomycin 5	✓	-	5 x 50 discs
112023	Vancomycin 30	-	✓	5 x 50 discs
110110	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	
113017	Carbenicillin 100 NO CE MARK	-	-	5 x 50 discs
113032	Cloxacillin 5 NO CE MARK	-	-	5 x 50 discs
113114	Colistin Sulphate NO CE MARK	-	-	5 x 50 discs
113113	Colistin Sulphate 20 NO CE MARK	-	-	5 x 50 discs
111632	Polymyxin B 300 Units NO CE MARK	-	-	5 x 50 discs
112031	Ticarcillin 75 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
110132	Amoxicillin 25	NO CE MARK	5 x 50 discs
113160	Cefalexin/kanamycin 15-30	NO CE MARK	5 x 50 discs
113055	Cefoperazone 30	NO CE MARK	5 x 50 discs
113084	Cefovecin 30	NO CE MARK	5 x 50 discs
113154	Cefquinome 30	NO CE MARK	5 x 50 discs
113148	Ceftiofur 30	NO CE MARK	5 x 50 discs
113134	Cephalonium 30	NO CE MARK	5 x 50 discs
113120	Colistin Sulphate 50	NO CE MARK	5 x 50 discs
110510	Enrofloxacin 5	NO CE MARK	5 x 50 discs
110619	Florfenicol 30	NO CE MARK	5 x 50 discs
110726	Gamithromycin 15	NO CE MARK	5 x 50 discs
111355	Marbofloxacin 5	NO CE MARK	5 x 50 discs
111429	Neomycin 30	NO CE MARK	5 x 50 discs
111632	Polymyxin B 300 Units	NO CE MARK	5 x 50 discs
111644	Pradofloxacin 5	NO CE MARK	5 x 50 discs
112034	Tildipirison 60	NO CE MARK	5 x 50 discs
112062	Tulathromycin 30	NO CE MARK	5 x 50 discs
112015	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	
110311	Bacitracin 10 Units	-	-	100 discs
113151	Cefpodoxime 10	✓	✓	100 discs
113011	Chloramphenicol 30	✓	✓	100 discs
110711	Gentamicin 10	✓	✓	100 discs
111323	Metronidazole 5	✓	-	100 discs
111511	Oxacillin 1	✓	✓	100 discs
111605	Penicillin G 1 Unit	✓	-	100 discs
110100	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	
190112	Amphotericin B 20	NO CE MARK	-	5 x 50 discs
190312	Clotrimazole 10	NO CE MARK	-	5 x 50 discs
190512	Econazole 10	NO CE MARK	-	5 x 50 discs
190622	Fluconazole 10	NO CE MARK	-	5 x 50 discs
190632	Fluconazole 25	NO CE MARK	✓	5 x 50 discs
190612	Flucytosine 1	NO CE MARK	-	5 x 50 discs
191112	Ketoconazole 10	NO CE MARK	-	5 x 50 discs
191312	Miconazole 10	NO CE MARK	-	5 x 50 discs
191422	Nystatin 100	NO CE MARK	-	5 x 50 discs
191622	Rezafungin 5	-	✓	5 x 50 discs

AMR Testing

MASTDISCS®COMBI

COMBINATION DISC SETS FOR AMR DETECTION

Product Code	Product Description	Mechanism	Pack Size
171055	ESBL Detection Set (CPD 30)	ESBL	50 tests
171622	Cefotaxime 30 & Cefotaxime/Clavulanic Acid 30/10	ESBL	150 tests
171632	Cefepime 30 & Cefepime/Clavulanic Acid 30/10	ESBL	150 tests
171642	Ceftazidime 30 & Ceftazidime/Clavulanic Acid 30/10	ESBL	150 tests
171662	Cefpodoxime 10 & Cefpodoxime/Clavulanic Acid 10/1	ESBL	150 tests
171672	ESBL Detection Set (CPD 10)	ESBL	50 tests
171682	AmpC & ESBL Disc Set	AmpC/ESBL	50 tests
171692	AmpC Detection Set	AmpC	50 tests
171722	AmpC, ESBL and Carbapenemase Detection Set	AmpC/ESBLs/Carba	50 tests
171732	MAST® Carba plus	MBL/KPC/OXA	50 tests
171762	ESBL Detection Set (EUCAST)	ESBL	50 Tests

Additional carbapenemase screening and identification tests

171712	MAST®CAT-ID - For presumptive identification of carbapenemase production		250 Tests
171742	MAST® ICT - screening test for the detection of carbapenemase production in Enterobacterales, <i>Pseudomonas</i> and <i>Acinetobacter</i> spp.		25 Tests
112038	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	
111605	Penicillin G 1 Unit in Vials	✓	-	1 vial
111606	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	
110716	Gentamicin 500ug Discs in Cartridges	-	-	18 packs
171082	Kanamycin 1000ug Discs in Cartridges	-	-	18 packs
171081	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
773065	MAST® DISCMASTER® Dispenser - 6 place	1 unit
773080	MAST® DISCMASTER® Dispenser - 8 place	1 unit
760000	Silica Gel Capsule for MDD65 & MDD8	4 capsules
773001	Single cartridge hand dispenser	5

MASTDISCS® ID

IDENTIFICATION DISCS IN CARTRIDGES - STOCK RANGE

Product Code	Product Description	Presumptive identification of	Tests
171016	Bacitracin Discs Unit	Group A <i>streptococci</i>	250 tests
171013	Bacitracin Discs Unit	Group A <i>streptococci</i>	250 tests
171022	Optochin Discs	<i>Strep.pneumoniae</i>	250 tests
171032	X Factor Discs	<i>Haemophilus spp.</i>	250 tests
171042	V Factor Discs	<i>Haemophilus spp.</i>	250 tests
171053	X+V Factor Discs	<i>Haemophilus spp.</i>	250 tests
171062	Metronidazole Discs	<i>Gardnerella vaginalis</i>	250 tests
171072	Sulphathiazole Discs	<i>Gardnerella vaginalis</i>	250 tests
171572	Oxidase Discs	<i>Pseudomonas spp.</i>	250 tests

IDENTIFICATION DISCS IN VIALS - STOCK RANGE

Product Code	Product Description	Presumptive identification of	Tests
171010	Bacitracin Discs Unit	Group A <i>streptococci</i>	100 tests
171011	Bacitracin Discs Unit	Group A <i>streptococci</i>	100 tests
171021	Optochin Discs	<i>Strep pneumoniae</i>	100 tests
171031	X Factor Discs	<i>Haemophilus spp.</i>	100 tests
171041	V Factor Discs	<i>Haemophilus spp.</i>	100 tests
171051	X+V Factor Discs	<i>Haemophilus spp.</i>	100 tests
171061	Metronidazole Discs	<i>Gardnerella vaginalis</i>	100 tests
171071	Sulphathiazole Discs	<i>Gardnerella vaginalis</i>	100 tests
171059	Nitrocefin Discs	β-lactamase Detection	50 tests



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