



Mast Group Ltd.  
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 Derby Road  
 Bootle  
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 United Kingdom

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## EC DECLARATION OF CONFORMITY

We hereby declare that the devices described below comply with those provisions which apply to them of the European Directive 98/79/EC 'on *in vitro* diagnostic medical devices', and are placed on the European market by Mast Group UK through our appointed EC Authorised Representative Mast Diagnostica GmbH, Feldstrasse 20, 23858 Reinfeld, Germany.

This declaration is valid for the IVD medical devices described below on or after the date hereof, and which bear the CE mark. It is also valid for all IVD medical devices described below which are manufactured by Mast and placed on the market on or after the date hereof by third parties with our consent and which bear the CE mark. All supporting documents relating to this declaration are retained at the manufacturer's premises.

Product code	Product description	IVD Directive classification	EDMS code
Various	<b>MAST® ID identification test paper products</b> - discs, rings and strips. Products for presumptive identification of biochemical reactions or detection of a specific reaction profiles in microbes.	Self certification Annex III excluding section 6	1402020100, 1402020200, 1402020400, 1402020800, 1402029000. (codes registered - 24/03/2003)

Standards applied: EN ISO 13485:2016, ISO 9001:2015, EN ISO 14971:2012, EN ISO 18113-1:2011, EN ISO 18113-2:2011, EN ISO 15223-1:2016, EN ISO 15223-2:2010.

Declaration made by ..... Date: 31<sup>st</sup> December 2020

D N Hogben, Quality Assurance and Regulatory Affairs Manager – Mast Group Ltd.

Document valid till: 26<sup>th</sup> May 2022



**European In Vitro Diagnostic Medical Directive 98/79/EC, Annex III – General IVD  
EC DECLARATION OF CONFORMITY- Self-Certification (Annex III excluding section 6) – General IVD**

**Annex – list of MAST® ID identification test paper products**

Serial No.	Device ID Number	Product Description	Pack Size	Brand Name	Intended purpose of the medical device type
1	D40C	Bacitracin Discs 0.04 units	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Group A streptococci.
2	D40	Bacitracin Discs 0.04 units	100 Discs	MASTDISCS® ID	For presumptive Identification of Group A streptococci.
3	D41C	Bacitracin Discs 0.1 Unit	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Group A streptococci.
4	D41	Bacitracin Discs 0.1 Unit	100 Discs	MASTDISCS® ID	For presumptive Identification of Group A streptococci.
5	D42C	Optochin Discs 5ug	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Strep. pneumoniae.
6	D42	Optochin Discs 5ug	100 Discs	MASTDISCS® ID	For presumptive Identification of Strep. pneumoniae.
7	D43C	X Factor Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.
8	D43	X Factor Discs	100 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.
9	D44C	V Factor Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.
10	D44	V Factor Discs	100 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.
11	D45C	X+V Factor Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.
12	D45	X+V Factor Discs	100 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.



Serial No.	Device ID Number	Product Description	Pack Size	Brand Name	Intended purpose of the medical device type
13	D46C	Metronidazole Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Gardnerella vaginalis.
14	D46	Metronidazole Discs 50ug	100 Discs	MASTDISCS® ID	For presumptive Identification of Gardnerella vaginalis.
15	D47C	Sulphathiazole Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Gardnerella vaginalis.
16	D47	Sulphathiazole Discs 1ug	100 Discs	MASTDISCS® ID	For presumptive Identification of Gardnerella vaginalis.
17	D48	Lysostaphin Discs 20ug	50 Discs	MASTDISCS® ID	For presumptive Identification of Staphylococci/micrococci.
18	D49	ALA Discs 75ug	100 Discs	MASTDISCS® ID	For presumptive Identification of Haemophilus spp.
19	D51C	Nitrate Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Nitrate Reductase in anaerobes.
20	D52C	Extended Spectrum β Lactamase Set	6 x 50 Discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
21	D55C	SPS Identification Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Nitrate Reductase in P. anaerobius.
22	D55	SPS Discs 1000ug	100 Discs	MASTDISCS® ID	For presumptive Identification of P. anaerobius
23	D57C	Oxidase Discs	5 x 50 Discs	MASTDISCS® ID	For presumptive Identification of Nitrate Reductase in Pseudomonas spp.
24	D57	Oxidase Discs	100 Discs	MASTDISCS® ID	For presumptive Identification of Pseudomonas spp.
25	D59	Nitrocefin Discs (B)	50 Discs	MASTDISCS® ID	For presumptive Identification of Beta lactamase activity.
26	D62C	Cefotaxime 30 & Cefotaxime 30/Clavulanic Acid 10	6 x 50 Discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.



Serial No.	Device ID	Product Description	Pack Size	Brand Name	Intended purpose of the medical device type
27	D63C	Cefepime 30 & Cefepime 30/Clavulanic Acid 10	6 x 50 Discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
28	D64C	Ceftazidime 30 & Ceftazidime 30/Clavulanic Acid 10	6 x 50 Discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
29	D66C	Cefpodoxime 10 & Cefpodoxime 10/Clavulanic Acid 1	6 x 50 Discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
30	D67C	Extended Spectrum $\beta$ Lactamase Set (CPD10)	6 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
31	D68C	AmpC & ESBL Detection Set	4 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
32	D69C	AmpC Detection Set	3 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
33	D70C	Carbapenemase Detection Set	4 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
34	D71C	CAT ID - Carbapenemase Activity Test (CAT) discs	5 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
35	D72C	MastDiscs® Combi AmpC, ES $\beta$ L and Carbapenemase Detection Disc Set	6 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
36	D73C	Carba Plus. For the detection of carbapenemase and OXA-48 enzyme production in Enterobacteriaceae.	5 X 50 discs	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
37	D74	MastDiscs® ID Indirect Carbapenemase Test (ICT)	25 Tests	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
38	D76C	MastDiscs® Combi ESBL Detection Set	50 Tests	MASTDISCS® Combi	Combination disc sets for the detection of antibiotic resistance.
39	STOX	Oxacillin Strips	50 Strips	MAST® ID	Oxacillin Strips for the detection of MRSA-Antibiotic Susceptibility Testing.
40	ETO/1	MAST® ID Intralactam Strips	25 strips	MAST® ID	A strip test for the rapid detection of $\beta$ -lactamase.
41	ETO2	MAST® ID Intralactam Circles	10 circles	MAST® ID	A test for the detection of $\beta$ -lactamase production. For use on multipoint inoculated plates.
42	ETO4	MAST® ID Oxidase Strips - for the performance of the oxidase reaction	25 strips	MAST® ID	A strip test for the rapid detection of cytochrome oxidase enzyme (Oxidase) in bacteria.



Serial No.	Device ID Number	Product Description	Pack Size	Brand Name	Intended purpose of the medical device type
43	ETO7	MAST® ID PYR Strips - for the detection of pyrrolidonyl amino peptidase activity	25 strips	MAST-ID	A rapid strip test for the detection of pyrrolidonyl amino peptidase activity in streptococci and enterococci.
44	MIID/XV	MAST® ID XV Mirror ring. MASTRING™ containing X+V factor tips	50 rings	ID-MASTRING	For the identification of haemophilus spp.
45	MID8	MASTRING containing Erythromycin (60ug), Rifampicin (15ug), Colistin Sulphate (10ug), Penicillin G 2 units, Kanamycin (1000ug), Vancomycin (5ug)	50 rings	ID-MASTRING	For the presumptive identification of Gram negative non-sporing anaerobes.
46	MID/STAPH	MASTRING containing Desferrioxamine (1000ug), Novobiocin (5ug), para-Nitro Phenol Phosphate.	50 rings	ID-MASTRING	For the presumptive identification of coagulase negative staphylococci.
47	TEM30C	Temocillin Discs 30ug	5 x 50 Discs	MASTDISCS® ID	To aid presumptive Identification of OXA-48.
48	K1000C	Kanamycin 1000ug	5 x 50 Discs	MASTDISCS®	To aid the differentiation of anaerobic bacteria.

# Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

Mast Group Ltd  
Mast House, Derby Road  
Bootle  
Liverpool  
L20 1EA  
United Kingdom

Holds Certificate Number:

FM 724380

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

**Design, manufacture and supply of in-vitro diagnostic devices and associated services.**

For and on behalf of BSI:

\_\_\_\_\_  
Matt Page, Managing Director Assurance - UK & Ireland

Original Registration Date: 1994-06-14

Latest Revision Date: 2021-12-03

Effective Date: 2021-11-11

Expiry Date: 2024-05-31

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Certificate No: FM 724380

Location	Registered Activities
Mast Group Ltd Mast House, Derby Road Bootle Liverpool L20 1EA United Kingdom	Design, manufacture and supply of in-vitro diagnostic devices and associated services.
Mast Group Ltd Atlantic House, Derby Road Bootle Liverpool L20 1EA United Kingdom	Manufacturing, QC and warehousing of IVD kits and reagents, bacteriological media and other kits and reagents for the life sciences industry.



Original Registration Date: 1994-06-14

Latest Revision Date: 2021-12-03

Effective Date: 2021-11-11

Expiry Date: 2024-05-31

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This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.  
An electronic certificate can be authenticated [online](#).  
Printed copies can be validated at [www.bsigroup.com/ClientDirectory](http://www.bsigroup.com/ClientDirectory)

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000  
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A Member of the BSI Group of Companies.

# Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016 & EN ISO 13485:2016

This is to certify that:

Mast Group Ltd  
Mast House, Derby Road  
Bootle  
Liverpool  
L20 1EA  
United Kingdom

Holds Certificate Number:

**MD 724379**

and operates a Quality Management System which complies with the requirements of ISO 13485:2016 & EN ISO 13485:2016 for the following scope:

Design, manufacture and supply of in-vitro diagnostic devices for clinical microbiology and molecular biology and bacteriological media.

For and on behalf of BSI:

Gary E Slack, Senior Vice President - Medical Devices

Original Registration Date: 2020-10-07

Latest Revision Date: 2021-11-28

Effective Date: 2021-06-01

Expiry Date: 2024-05-31



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Certificate No: **MD 724379**

Location	Registered Activities
Mast Group Ltd Mast House, Derby Road Bootle Liverpool L20 1EA United Kingdom	Design, manufacture and supply of in-vitro diagnostic devices for clinical microbiology and molecular biology and bacteriological media
Mast Group Ltd Atlantic House, Derby Road Bootle Liverpool L20 1EA United Kingdom	Manufacture of IVD kits and reagents for clinical microbiology and molecular biology, bacteriological media.



Original Registration Date: 2020-10-07

Latest Revision Date: 2021-11-28

Effective Date: 2021-06-01

Expiry Date: 2024-05-31

Page: 2 of 2

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A Member of the BSI Group of Companies.

IVD solutions through partnership



# MASTDISCS<sup>®</sup>

Leading the field with a complete solution for AST and Identification disc testing





- Comprehensive range
- Premium quality products
- Compatible with EUCAST and CLSI standards
- Bespoke service available

Mast Group Ltd., has been a manufacturer of antibiotic susceptibility test products since 1957, and continues to be at the forefront of developments in this field. With an ever-expanding portfolio of antibiotic susceptibility, combination and identification discs, Mast Group Ltd. supplies the most comprehensive range available worldwide. Mast Group Ltd. also offers a range of services including **mastpharma**<sup>®</sup> development and **mastpharma**<sup>®</sup> stability for the evaluation of novel antimicrobial compounds for the pharmaceutical industry.

Disc diffusion is still the most popular method for determining bacterial antibiotic susceptibility in the treatment of infectious disease, as highlighted by the variety of international standardised procedures including The European Committee on Antimicrobial Susceptibility Testing (EUCAST) and The Clinical and Laboratory Standards Institute (CLSI). From January 2016 The British Society for Antimicrobial Chemotherapy (BSAC) guidelines were superseded by EUCAST. Mast Group Ltd. continues to support laboratories with the supply of BSAC concentrations until January 2020.

**MASTDISCS**<sup>®</sup> are available as an extensive range of test discs presented in dispensing cartridges or vials, with quality assurance guaranteed in accordance to standardised test protocols as issued by the above national and international organisations.

## Disc Diffusion Susceptibility Testing

Order No	Product		Packsizes
<b>MASTDISCS<sup>®</sup> AST - ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES AND VIALS</b>			
<b>MASTDISCS<sup>®</sup> in Cartridges (5 × 50 discs per pack)</b>			
STOCKCART	Stock Susceptibility Cartridge Discs of a single type		1 pack
FUNGCART	Stock Antifungal Cartridge Discs of a single type		1 pack
SPECIALCART	Cartridge Discs made to special order*		Min 18 packs
VOLCART	Cartridge Discs made to special order*		Min 98 packs
<b>MASTDISCS<sup>®</sup> (100 discs per vial)</b>			
STOCKDISC	Stock Susceptibility Discs of a single type		1 vial
FUNGDISC	Stock Antifungal Discs of a single type		1 pack
SPECIALDISC	Discs made to special order*		Min 22 packs
VOLDISC	Discs made to special order*		Min 97 packs
TOOL/C	*Set up charge for Special Discs in vials or cartridges A one off charge for customisation of each new specification		per new specification

# Disc Diffusion Susceptibility Testing

**MASTDISCS**<sup>®</sup>AST

## ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD			Order Code Cartridges 5 × 50 discs
	BSAC	EUCAST	CLSI	
Amikacin 30	✓	✓	✓	AK30C
Amoxicillin 2	✓	-	-	A2C
Amoxicillin 10	✓	-	-	A10C
Amoxicillin 25	✓	-	-	A25C
Amoxicillin/clavulanic acid 2-1	✓	✓	-	AUG3C
Amoxicillin/clavulanic acid 20-10	✓	✓	✓	AUG30C
Ampicillin 2	✓	✓	-	AP2C
Ampicillin 10	✓	✓	✓	AP10C
Ampicillin 25	✓	-	-	AP25C
Ampicillin/Sulbactam 10-10	-	-	✓	SAM20C
Azithromycin 15	✓	✓	✓	ATH15C
Aztreonam 30	✓	✓	✓	ATM30C
Bacitracin 10 units	-	-	-	BA10C
Carbenicillin 100 ◆	✓	-	✓	PY100C
Cefachlor 30	✓	✓	✓	CFC30C
Cefadroxil 30	✓	✓	-	CDX30C
Cefalexin 30	✓	-	-	CFX30C
Cefalothin 30	✓	-	✓	KF30C
Cefamandole 30	✓	-	✓	CMD30C
Cefazolin 30	-	-	✓	CZ30C
Cefepime 30	✓	✓	✓	CPM30C
Cefixime 5	✓	✓	✓	CFM5C
Cefoperazone 30	✓	-	-	CPZ30C
Cefotaxime 5	✓	✓	-	CTX5C
Cefotaxime 30	✓	-	✓	CTX30C
Cefoxitin 10	✓	-	-	FOX10C
Cefoxitin 30	✓	✓	✓	FOX30C
Cefpodoxime 10	✓	✓	✓	CPD10C
Cefradine 30	✓	-	-	CRD30C
Ceftaroline 5	-	✓	-	CPT5C
Ceftaroline 30	-	-	✓	CPT30C
Ceftazidime 10	-	✓	-	CAZ10C
Ceftazidime 30	✓	✓	✓	CAZ30C
Ceftazidime/avibactam 10-4	-	✓	-	CZA14C
Ceftazidime/avibactam 30-20	-	-	✓	CZA50C
Ceftibuten 30	-	✓	✓	CFB30C
Ceftolozane/tazobactam 30-10	-	✓	✓	CT40C
Ceftriaxone 5	✓	-	✓	CRO5C
Ceftriaxone 30	✓	✓	✓	CRO30C
Cefuroxime 5	✓	-	-	CXM5C
Cefuroxime 30	✓	✓	✓	CXM30C
Chloramphenicol 10	✓	-	-	C10C
Chloramphenicol 30	✓	✓	✓	C30C
Ciprofloxacin 1	✓	-	-	CIP1C
Ciprofloxacin 5	✓	✓	✓	CIP5C
Clarithromycin 2	✓	-	-	CLA2C
Clarithromycin 5	✓	-	-	CLA5C
Clarithromycin 15	-	✓	✓	CLA15C
Clindamycin 2	✓	✓	✓	CD2C
Delafloxacin 5 <b>NEW</b>	-	-	✓	DLX5C
Doripenem 10	-	✓	✓	DOR10C
Doxycycline 30	✓	-	✓	DXT30C
Eravacycline 20 <b>NEW</b>	-	✓	✓	ERV20C
Ertapenem 10	✓	✓	✓	ETP10C
Erythromycin 5	✓	-	-	E5C
Erythromycin 15	-	✓	✓	E15C
Florfenicol 30	-	-	-	FFC30

◆ Selected individually priced discs

# Disc Diffusion Susceptibility Testing

**MASTDISCS**<sup>®</sup>AST

## ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD			Order Code Cartridges 5 × 50 discs
	BSAC	EUCAST	CLSI	
Fosfomycin 200/Glucose-6-Phosphate 50	✓	-	✓	FOT200C
Fusidic Acid 10	✓	✓	-	FC10C
Gentamicin 10	✓	✓	✓	GM10C
Gentamicin 30	-	✓	-	GM30C
Gentamicin 120	-	-	✓	GM120C
Gentamicin 200	✓	-	-	GM200C
Imipenem 10	✓	✓	✓	IMI10C
Imipenem/Relebactam 10-25 <b>Coming Soon</b>	-	-	✓	IMR35C
Kanamycin 30	-	-	✓	K30C
Levofloxacin 1	✓	-	-	LEV1C
Levofloxacin 5	✓	✓	✓	LEV5C
Linezolid 10	✓	✓	-	LZD10C
Linezolid 30	-	-	✓	LZD30C
Mecillinam 10	✓	✓	✓	MEC10C
Meropenem 10	✓	✓	✓	MEM10C
Meropenem/Vaborbactam 20-10 <b>NEW</b>	-	✓	✓	MEV30C
Metronidazole 5	✓	-	-	MZ5C
Minocycline 30	✓	-	✓	MN30C
Moxifloxacin 1	✓	-	-	MXF1C
Moxifloxacin 5	✓	✓	✓	MXF5C
Mupirocin 5	✓	-	-	MUP5C
Mupirocin 20	✓	-	-	MUP20C
Mupirocin 200	-	✓	-	MUP200C
Nalidixic Acid 30	✓	✓	✓	NA30C
Neomycin 10	✓	-	-	NE10C
Neomycin 30	-	-	-	NE30C
Netilmicin 10	-	✓	-	NET10C
Netilmicin 30	✓	✓	-	NET30C
Nitrofurantoin 100	-	✓	-	NI100C
Nitrofurantoin 200	✓	-	-	NI200C
Nitrofurantoin 300	-	-	✓	NI300C
Nitroxoline 30	-	-	✓	NIB30C
Norfloxacin 2	✓	-	-	NOR2C
Norfloxacin 10	-	✓	✓	NOR10C
Novobiocin 5	-	-	-	NO5C
Ofloxacin 5	✓	✓	✓	OFX5C
Oxacillin 1	✓	✓	✓	OX1C
Pefloxacin 5	-	✓	-	PEF5C
Penicillin G 1 unit	✓	✓	-	PG1C
Penicillin G 10 units	-	-	✓	PG10C
Piperacillin 30	-	-	-	PRL30C
Piperacillin 75	✓	-	-	PRL75C
Piperacillin 100	-	-	✓	PRL100C
Piperacillin/tazobactam 30-6	-	✓	-	PTZ36C
Piperacillin/tazobactam 75-10	✓	-	-	PTZ85C
Piperacillin/tazobactam 100-10	-	-	✓	PTZ110C
Polymyxin B 300 units	-	-	-	PB300C
Quinupristin/dalfopristin 15	✓	-	✓	SYN15C
Rifampicin 2	✓	-	-	RP2C
Rifampicin 5	✓	✓	✓	RP5C
Spectinomycin 25	✓	-	-	SPC25C
Streptomycin 10	✓	-	✓	S10C
Streptomycin 300	-	✓	✓	S300C
Teicoplanin 30	✓	-	✓	TEC30C
Temocillin 30 <b>*</b>	-	-	-	TEM30C
Tetracycline 10	✓	-	-	T10C
Tetracycline 30	-	✓	✓	T30C

\* Temocillin 30µl is included in CA-SFM standard

# Disc Diffusion Susceptibility Testing

**MASTDISCS**<sup>AST</sup>

## ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD			Order Code Cartridges 5 × 50 discs
	BSAC	EUCAST	CLSI	
Ticarcillin 75	✓	-	✓	TC75C
Tigecycline 15	✓	✓	✓	TGC15C
Ticarcillin/clavulanic acid 75-10	✓	-	✓	TIM85C
Tobramycin 10	✓	✓	✓	TN10C
Trimethoprim 2.5	✓	-	-	TM2.5C
Trimethoprim 5	✓	✓	✓	TM5C
Trimethoprim/sulfamethoxazole 1.25-23.75	✓	✓	✓	TS25C
Vancomycin 30	-	-	✓	VA30C
Blank discs	-	-	-	BD0680W/C

**MASTDISCS**<sup>AST</sup>

## NON CLINICAL ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	Order Code Cartridges 5 × 50 discs
Cefperazone/sulbactam 75-30	SPZ105C/NCE
Colistin Sulphate 10	CO10C/NCE
Colistin Sulphate 25	CO25C/NCE
Enrofloxacin 5	ENF5C/NCE

**MASTDISCS**<sup>AST</sup>

## SPECIALIST VETERINARY SUSCEPTIBILITY DISCS - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	Order Code	
	Cartridges 5 × 50 discs	Vials 100 discs
Cefquinone 30	CEQ30C/NCE	-
Gamithromycin 15	GAM15C/NCE	-
Pradofloxacin 5	PRA5/NCE	-
Marbofloxacin 5	MAR5/NCE	-
Tildipirison 60	TIP60/NCE	-
Tylosin 30	TY30C/NCE	TY30/NCE

# Disc Diffusion Susceptibility Testing

Order No      Product      Mechanism      Packsize (tests)

## MASTDISCS<sup>AST</sup>

### ANTIBIOTIC SUSCEPTIBILITY DISCS IN VIALS - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	STANDARD			Order Code Cartridges 5 × 50 discs
	BSAC	EUCAST	CLSI	
Amikacin 30	✓	✓	✓	AK30
Bacitracin 8 units	-	-	-	BA8
Bacitracin 10 units	-	-	-	BA10
Cefpodoxime 10	✓	✓	✓	CPD10
Chloramphenicol 10	✓	-	-	C10
Chloramphenicol 30	✓	✓	✓	C30
Gentamicin 10	✓	✓	✓	GM10
Meropenem 10	✓	✓	✓	MEM10
Metronidazole 2.5	-	-	-	MZ2.5
Metronidazole 5	✓	-	-	MZ5
Nalidixic Acid 30	✓	✓	✓	NA30
Novobiocin 5	-	-	-	NO5
Oxacillin 1	✓	✓	✓	OX1
Penicillin G 1 unit	✓	✓	-	PG1
Penicillin G 2 units	-	-	-	PG2
Rifampicin 5	✓	✓	✓	RP5
Tylosin 30	-	-	-	TY30
Vancomycin 5	✓	✓	-	VA5
Blank discs	-	-	-	BD0638W

## MASTDISCS<sup>AST</sup>

### ANTIFUNGAL SUSCEPTIBILITY DISCS IN CARTRIDGES AND VIALS - STOCK RANGE

Description Antibiotic & Content µg per disc (unless otherwise stated)	Order Code	
	Cartridges 5 × 50 discs	Vials 100 discs
Amphotericin B 20	AMB20C	-
Clotrimazole 10	CTM10C	-
Econazole 10	ECN10C	-
Fluconazole 10	FCN10C	-
Fluconazole 25	FCN25C	FCN25
Flucytosine 1	FY1C	-
Ketoconazole 10	KCA10C	-
Miconazole 10	MCL10C	-
Nystatin 100	NY100C	-

# Disc Diffusion Susceptibility Testing

Order No	Product	Mechanism	Packsize (tests)
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## MASTDISCS<sup>®</sup> Combi

### COMBINATION DISC SETS FOR THE DETECTION OF ANTIBIOTIC RESISTANCE

D52C	Extended Spectrum $\beta$ Lactamase Set	ES $\beta$ L	50 tests
D62C	Cefotaxime 30 & Cefotaxime 30/Clavulanic Acid 10	ES $\beta$ L	150 tests
D63C	Cefepime 30 & Cefepime 30/Clavulanic Acid 10	ES $\beta$ L	150 tests
D64C	Ceftazidime 30 & Ceftazidime 30/Clavulanic Acid 10	ES $\beta$ L	150 tests
D66C	Cefpodoxime 10 & Cefpodoxime 10/Clavulanic Acid 1	ES $\beta$ L	150 tests
D67C	Extended Spectrum $\beta$ Lactamase Set (CPD10)	ES $\beta$ L	50 tests
D68C	AmpC & ESBL Detection Set	AmpC/ES?L	50 tests
D69C	AmpC Detection Set	AmpC	50 tests
D72C	AmpC, ESBL & Carbapenemase Detection Set	AmpC/ESBL/Carbapenemase	50 tests
D73C	MAST <sup>®</sup> Carba plus	MBL/KPC/OXA	50 tests

### Additional carbapenemase screening and identification tests

PACE-ID <b>NEW</b>	Colorimetric test for the rapid detection of carbapenemase producing <i>Pseudomonas</i> spp., <i>Acinetobacter</i> spp. and Enterobacterales.		48 tests
D71C	MAST <sup>®</sup> CAT-ID - For presumptive identification of carbapenemase production		250 tests
D74	MAST <sup>®</sup> 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 when used with D70C		5 x 50 discs

## MASTDISCS<sup>®</sup> AST

### PENICILLIN DISCS

For detecting the emergence of penicillin resistance. (vials of 100 discs or 5 x 50 discs in cartridges)

PG1	Penicillin G	1 unit (vials)	1 vial
PG1C	Penicillin G	1 unit (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. (vials of 100 discs or 5 x 50 discs in cartridges)

GM500C/NCE	500 $\mu$ g	Min order
K1000C	1000 $\mu$ g	18 packs
K1000	1000 $\mu$ g	Min order 22 vials



# Disc Diffusion Susceptibility Testing

Order No

Product

Packsize

## DISCMASTER DISPENSER

**Robust and reliable antimicrobial cartridge disc dispensers designed for use with MASTDISCS® Antimicrobial Susceptibility Test Cartridges.**

MDD65	MAST® DISCMASTER Dispenser - 6 place	1
SILICA63	Silica Gel Capsule for MAST® DISCMASTER	4
SHD5	Single Cartridge Hand Dispenser	5
CANISTER	Canister for MDD64 models and below	1
CANISTER63	Canister for MDD65 MAST® DISCMASTER Dispenser	1



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