

ORDERING INFORMATION

We are pleased to accept International orders by telephone, post, fax and e-mail. Please have the following information available when ordering:

1. **A valid order number for an approved Credit Account or Credit Card details.**
2. **Delivery address.**
3. **Invoice address.**
4. **Product code, description, packsize and quantity required.**

Please direct all orders to:

Mast Group Ltd	Tel: +44 151 472 1444	Customer Services
Mast House	Tel: +44 151 933 7277	Main Switchboard
Derby Road	Fax: +44 151 944 1332	
Bootle	e-mail: orders@mastgrp.com	
Merseyside	Web site: www.mastgrp.com	
UK		
L20 1EA		

PRICING

Outside the UK Mast sells and distributes products via its Subsidiary Companies in Germany and France and an associate company in South Africa. The rest of the world is serviced by a network of Distributors. Please contact your nearest Subsidiary or Distributor for pricing information.

Any prices quoted direct from Mast House are ex-works and exclude freight unless otherwise stated in a specific quotation.

Please note VAT at the current rate will be applied to all orders from UK based purchasers. This will also apply to other EU customers unless a VAT number is provided.

Products designated as Hazardous Goods will be subject to an additional handling charge dependent on destination and mode of transport.

RETURNS

Should you need to return any items to Mast, please contact Mast Customer Services as detailed above.

Goods supplied correctly may not be returned without prior written agreement and authorisation number, which may be obtained from Customer Services.

Goods so returned must be consigned carriage paid, and a restocking and handling charge of 15% will be made on all goods returned for credit.

Credit will only be awarded once a full assessment of re-saleable condition has been made.

Goods may not be returned if the packaging has been defaced in any way.

CANCELLATIONS

An order for products available from stock may be cancelled at any time prior to the dispatch of the order without incurring any additional charges. Cancellation of an order which has been dispatched will incur a 15% restocking fee.

Cancellation of products for Special order will be subject to a charge equivalent to 100% of the value of the Special order products, subsequent to the order being processed.

CONDITIONS OF SALE

Mast's standard Conditions of Sale apply to all transactions.

A copy can be found on the inside back cover of this publication and at www.mastgrp.com

CONTENTS

ANTIBIOTIC SUSCEPTIBILITY TESTING

Pages 1 - 6

MAST has been a manufacturer of antibiotic susceptibility test products since 1957, and continues to be at the forefront of developments in this field. MAST's original product was the single antibiotic disc, but the expansion of the portfolio has resulted in the most comprehensive range available worldwide.

The DISCMASTER™ 2 System

MASTDISCS

ESβL & AmpC Discs

Antibiotic Strips

MASTRING-S™

ADATAB®



MAST URI® SYSTEM

Pages 7 - 8

The Mast **Uri**® System is a group of instrumentation, software and consumables that facilitates the rapid microbiological examination of urine samples to differentiate infected urines from those that are sterile or contaminated. The system will subsequently report bacterial identification and antibiotic susceptibility results on those specimens considered to be significant.

The Mast **Uri**® System comprises:

Mast **Uri**® Plus Analyser

Mast **Uri**® Well Dispensing aid

Mast **Uri**® Dot Inoculator

Consumables - A range of antibiotic and identification agar tests in 96-well microtitre plates.



CONTENTS

CULTURE MEDIA AND SUPPLEMENTS

Pages 9 - 17

As a specialist microbiology company, MAST has an extensive range of Dehydrated Culture Media, and selective supplements for the culture, examination, selection, isolation and transport of clinically significant organisms from patient specimens.

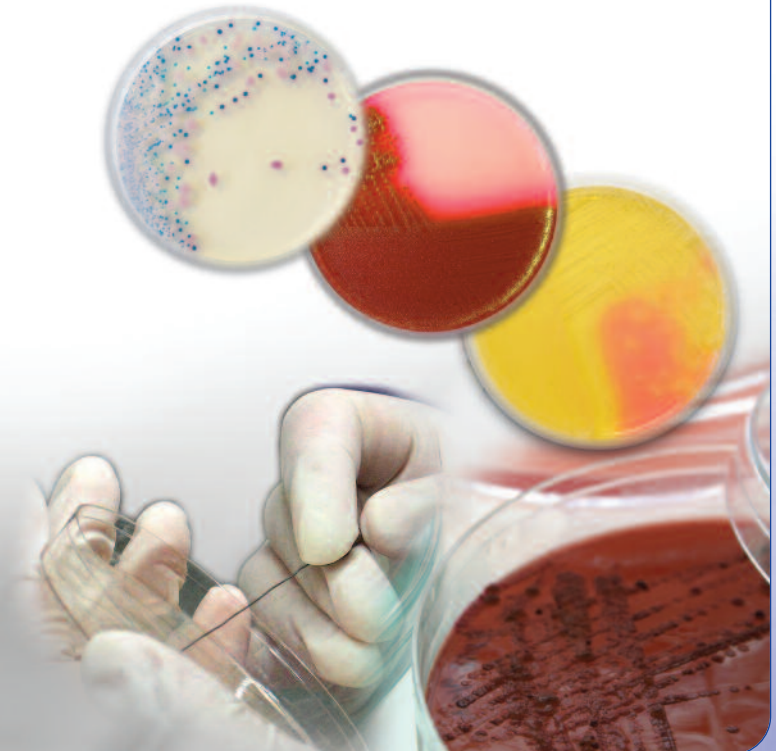
Dehydrated Culture Media

Selectatab™ and Selectavial™

Selective supplements

Mast ID CHROMagar® Candida

Mast Rediprep® Prepared Egg Media



GENERAL PRODUCTS

Page 18

Products for general laboratory use which may also be applicable in disciplines other than microbiology.

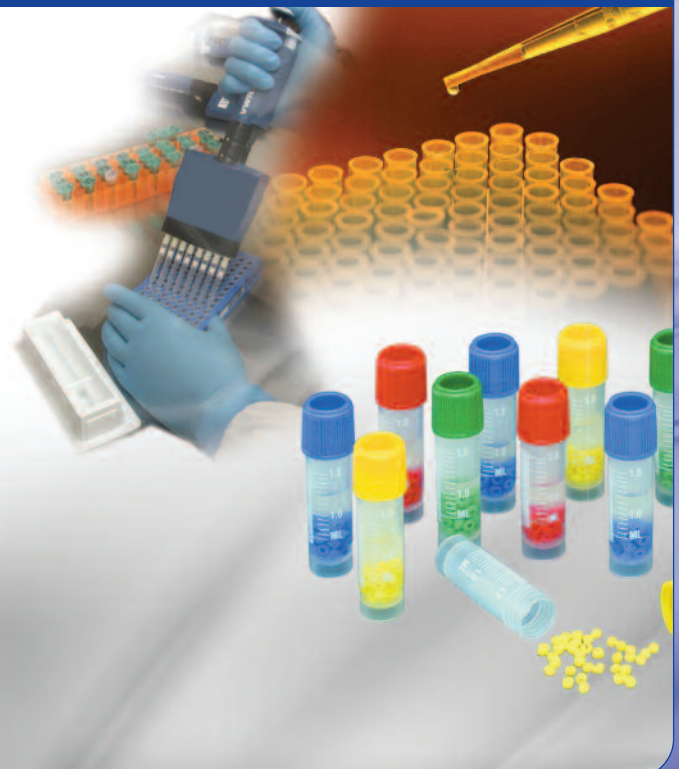
MAST BACTERURITEST™

reliable and inexpensive urine screening method.

MAST CRYOBANK™ is a cryogenic storage system for QC organisms.

MAST-OCCUTEST™ Reagents and Test Cards for the detection of occult blood in faeces.

PBS Phosphate buffered saline pH7.0 for blood group serology.



CONTENTS

IDENTIFICATION AND DETECTION

Pages 19 - 39

MAST offers a range of products for identification and detection by a variety of methods, incorporating biochemical tests, latex agglutination, agglutinating antisera and molecular biology based assays.

- MAST ID™ Biochemical tests
- MAST Rapid Slide Latex Kits
- MAST ID™ Identification Strips and Rings
- Identification of *Haemophilus spp.*
- Identification of *Staphylococcus spp.*
- MAST-ID™ Discs
- Detection of ESβL & AmpC
- Identification of MRSA
- Identification of *Candida spp.*
- Identification of Norovirus
- MAST ASSURE™ Bacterial Agglutinating Antisera
- MAST ASSURE™ Stained Febrile Antigens



VETERINARY

Page 40

A range of products for the detection and identification of veterinary pathogens. This includes Mast's antibiotic susceptibility testing portfolio which offers custom manufacture to specifically address the causative agents of infectious disease in animals.

- Eiken SAA Reagents
- Toxoplasma Detection
- MRSA Screening
- Veterinary Pathogen EIA
- Antibiotic Susceptibility Testing Discs and Rings



CONTENTS

MOLECULAR BIOLOGY

Pages 41 - 42

Mast's molecular portfolio offers laboratories the ability to achieve rapid and reliable diagnosis by nucleic acid amplification.

Mast Isoplex™

A range of rapid Isothermal nucleic acid amplification tests.

- Mast Isoplex™ VTEC
- Mast Isoplex™ DNA Amp
- Mast Isoplex™ RNA Amp

Eiken LoopAmp

Eiken Loopamp products employ isothermal amplification and are available direct from Mast in the UK and via selected Mast Distributors in Ireland, Australasia, South East Asia and throughout the Middle East.

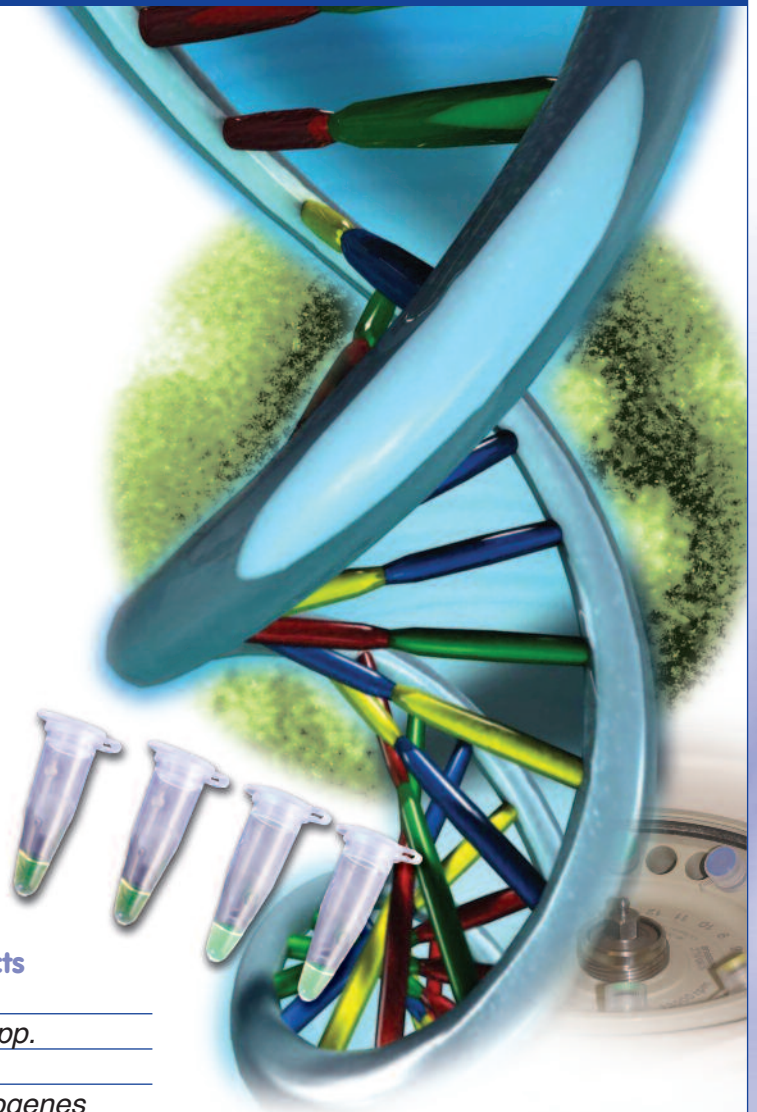
If in doubt please contact Mast Group Ltd. to confirm availability.

Eiken LoopAmp Diagnostic Products

- Norovirus
- Avian flu

Eiken Loopamp Research Products

- A.acidoterrestris*
- Campylobacter spp.*
- E. coli*
- Listeria monocytogenes*
- West Nile Virus
- Norovirus
- Avian flu



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MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE Pages 43 - 46

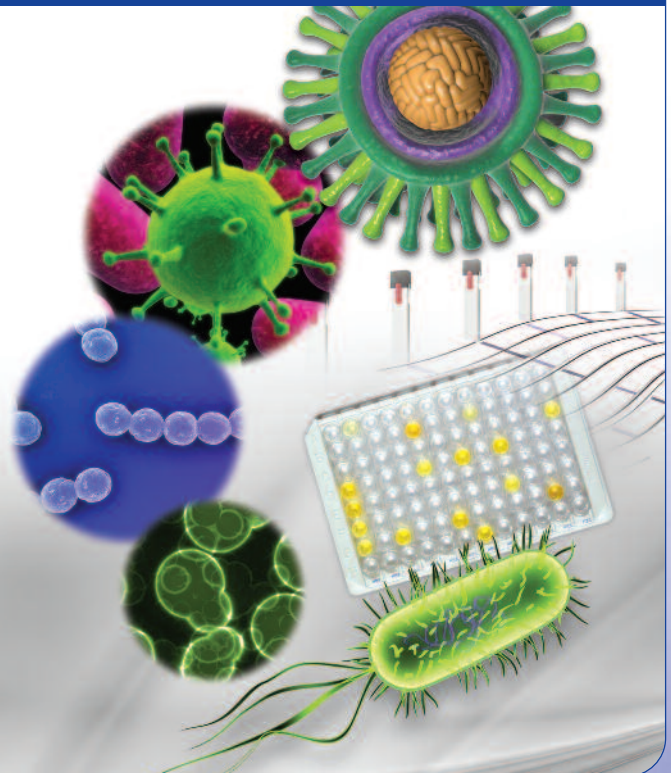
A range of immunofluorescence (IF), enzyme immunoassay (EIA) and Western Blot products for the identification and detection of a range of infectious organisms.

MASTAFLUOR™ Kits, controls, slides and reagents

MASTAZYME™ EIA kits

MASTABLOT™ Lineblot Assays

MASTABLOT™ Western Blot Assays



MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

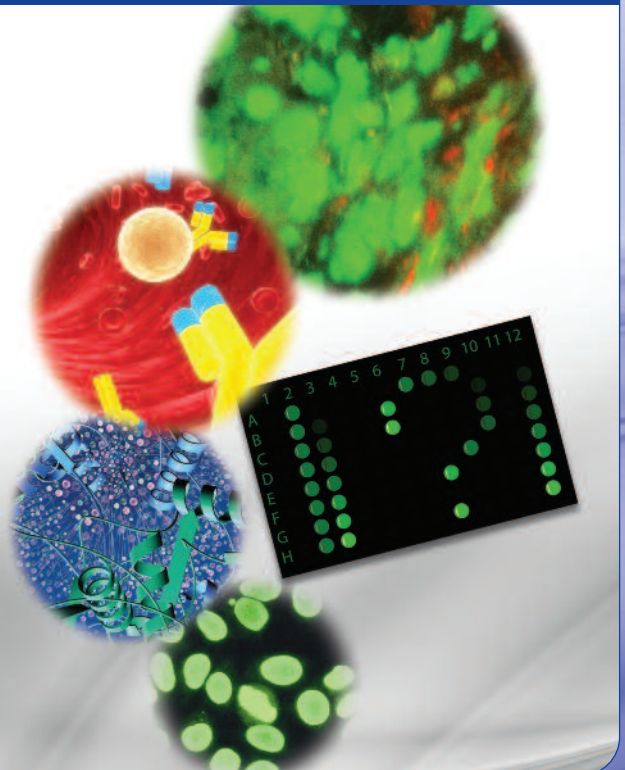
Pages 47 - 49

A range of immunofluorescence (IF) and enzyme immunoassay (EIA) products for the diagnosis of autoimmune disease.

MASTAFLUOR™ Kits, controls, slides and reagents

MASTAZYME™ EIA kits

MASTABLOT™ Lineblot Assays



ANTIBIOTIC SUSCEPTIBILITY TESTING

ORDER NO: PRODUCT


PACKSIZE

DiscMaster™ DISPENSER


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

MDD62	DiscMaster™ 2 DISPENSER - 6 place	1
SHD1	Single Cartridge Hand Dispenser	1
SHD5	Single Cartridge Hand Dispenser	5


ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES AND VIALS - STOCK RANGE

DESCRIPTION Antibiotic & Strength µg per disc (unless otherwise stated)	STANDARD			ORDER CODE			
	BSAC	EUCAST 	CLSI	Cartridges 5 x 50 discs		Vials 100 discs	
Amikacin 30	✓	✓	✓	AK	30C	AK	30
Amoxicillin 2	✓	-	-	A	2C	A	2
Amoxicillin 10	✓	-	-	A	10C	A	10
Amoxicillin 25	✓	-	-	A	25C	A	25
Ampicillin 2	✓	✓	-	AP	2C	AP	2
Ampicillin 10	✓	✓	✓	AP	10C	AP	10
Ampicillin 25	✓	-	-	AP	25C	AP	25
Ampicillin/Sulbactam 20	-	-	✓	SAM	20C	-	-
Apramycin 15	-	-	✓	APR	15C	-	-
Augmentin 3	✓	✓	-	AUG	3C	AUG	3
Augmentin 30	✓	✓	✓	AUG	30C	AUG	30
Azithromycin 15	✓	✓	✓	ATH	15C	ATH	15
Aztreonam 30	✓	✓	✓	ATM	30C	ATM	30
Bacitracin 8 units	-	-	-	-	-	BA	8
Bacitracin 10 units	-	-	-	BA	10C	BA	10
Carbenicillin 100	✓	-	✓	PY	100C	-	-
Cefaclor 30	✓	✓	✓	CFC	30C	CFC	30
Ceftibuten 30	-	✓	✓	CFB	30C	-	-
Cefamandole 30	✓	-	✓	CMD	30C	-	-
Cefadroxil 30	✓	✓	-	CDX	30C	-	-
Cefepime 30	✓	✓	✓	CPM	30C	-	-
Cefixime 5	✓	✓	✓	CFM	5C	CFM	5
Cefoperazone 30	✓	-	-	CPZ	30C	-	-
Cefoperazone 75	-	-	✓	CPZ	75C	CPZ	75
Cefotaxime 5	✓	✓	-	CTX	5C	CTX	5
Cefotaxime 30	✓	-	✓	CTX	30C	CTX	30
Cefoxitin 10	✓	-	-	FOX	10C	FOX	10
Cefoxitin 30	✓	✓	✓	FOX	30C	FOX	30
Cefpirome 30	-	-	✓	CFP	30C	-	-
Cefpodoxime 10	✓	✓	✓	CPD	10C	CPD	10
Cefpodoxime 30	-	-	✓	CPD	30C	-	-
Cefprozil 30	-	-	✓	CZL	30C	CZL	30
Ceftazidime 10	-	✓	-	CAZ	10C	-	-
Ceftazidime 30	✓	✓	✓	CAZ	30C	CAZ	30
Ceftriaxone 5	✓	-	✓	CRO	5C	-	-
Ceftriaxone 30	✓	✓	✓	CRO	30C	CRO	30
Cefuroxime 5	✓	-	-	CXM	5C	CXM	5
Cefuroxime 30	✓	✓	✓	CXM	30C	CXM	30
Cephalexin 30	✓	-	-	CFX	30C	CFX	30
Cephalothin 30	✓	-	✓	KF	30C	KF	30
Cephazolin 30	-	-	✓	CZ	30C	-	-
Cephradine 30	✓	-	-	CRD	30C	-	-
Chloramphenicol 10	✓	-	-	C	10C	C	10
Chloramphenicol 30	✓	✓	✓	C	30C	C	30
Ciprofloxacin 1	✓	-	-	CIP	1C	CIP	1
Ciprofloxacin 5	✓	✓	✓	CIP	5C	CIP	5
Ciprofloxacin 30	-	-	-	CIP	30C	-	-

ANTIBIOTIC SUSCEPTIBILITY TESTING

DESCRIPTION Antibiotic & Strength µg per disc (unless otherwise stated)	STANDARD			ORDER CODE			
	BSAC	EUCAST 	CLSI	Cartridges 5 x 50 discs		Vials 100 discs	
Clarithromycin 2	✓	-	-	CLA	2C	-	-
Clarithromycin 5	✓	-	-	CLA	5C	-	-
Clarithromycin 15	-	✓	✓	CLA	15C	CLA	15
Clindamycin 2	✓	✓	✓	CD	2C	CD	2
Cloxacillin 5	-	-	-	CX	5C	CX	5
Colistin Sulphate 10	-	-	-	CO	10C	-	-
Colistin Sulphate 25	✓	-	-	CO	25C	CO	25
Cotrimoxazole 25	✓	✓	✓	TS	25C	TS	25
Doripenem 10	-	✓	✓	DOR	10C	DOR	10
Doxycycline 30	✓	-	✓	DXT	30C	DXT	30
Enrofloxacin 5	-	-	✓	ENF	5C	-	-
Ertapenem 10	✓	✓	✓	ETP	10C	ETP	10
Erythromycin 5	✓	-	-	E	5C	E	5
Erythromycin 15	-	✓	✓	E	15C	E	15
Florfenicol 30	-	-	-	FFC	30C	-	-
Fosfomycin 200/ Glucose-6-Phosphate 50	✓	-	✓	FOT	200C	-	-
Fusidic Acid 10	✓	✓	-	FC	10C	FC	10
Gatifloxacin 2	✓	-	-	GAT	2C	-	-
Gatifloxacin 5	-	-	✓	GAT	5C	-	-
Gentamicin 10	✓	✓	✓	GM	10C	GM	10
Gentamicin 30	-	✓	-	GM	30C	-	-
Gentamicin 120	-	-	✓	GM	120C	GM	120
Gentamicin 200	✓	-	-	GM	200C	GM	200
Imipenem 10	✓	✓	✓	IMI	10C	IMI	10
Kanamycin 30	-	-	✓	K	30C	-	-
Levofloxacin 1	✓	-	-	LEV	1C	-	-
Levofloxacin 5	✓	✓	✓	LEV	5C	-	-
Linezolid 10	✓	✓	-	LZD	10C	LZD	10
Linezolid 30	-	-	✓	LZD	30C	-	-
Mecillinam 10	✓	✓	✓	MEC	10C	-	-
Meropenem 10	✓	✓	✓	MEM	10C	MEM	10
Metronidazole 2.5	-	-	-	-	-	MZ	2.5
Metronidazole 5	✓	-	-	MZ	5C	MZ	5
Mezlocillin 75	✓	-	✓	MEZ	75C	-	-
Minocycline 30	✓	-	✓	MN	30C	-	-
Moxifloxacin 1	✓	-	-	MFX	1C	-	-
Moxifloxacin 5	✓	✓	✓	MFX	5C	-	-
Mupirocin 5	✓	-	-	MUP	5C	MUP	5
Mupirocin 20	✓	-	-	MUP	20C	MUP	20
Mupirocin 200	-	✓	-	MUP	200C	-	-
Nalidixic Acid 30	✓	✓	✓	NA	30C	NA	30
Neomycin 10	✓	-	-	NE	10C	NE	10
Neomycin 30	-	-	-	NE	30C	NE	30
Netilmicin 10	-	-	-	-	-	NET	10
Netilmicin 30	✓	✓	-	NET	30C	-	-
Nitrofurantoin 50	-	-	-	NI	50C	NI	50
Nitrofurantoin 100	-	✓	-	NI	100C	-	-
Nitrofurantoin 200	✓	-	-	NI	200C	NI	200
Nitrofurantoin 300	-	-	✓	NI	300C	-	-
Norfloxacin 2	✓	-	-	NOR	2C	-	-
Norfloxacin 10	-	✓	✓	NOR	10C	NOR	10
Novobiocin 5	-	-	-	NO	5C	NO	5
Novobiocin 30	-	-	-	NO	30C	-	-
Ofloxacin 5	✓	✓	✓	OFX	5C	OFX	5
Oxacillin 1	✓	✓	✓	OX	1C	OX	1
Oxytetracycline 30	-	-	-	OT	30C	-	-
Penicillin G 1 unit	✓	✓	-	PG	1C	PG	1
Penicillin G 2 units	-	-	-	-	-	PG	2
Penicillin G 10 units	-	-	✓	PG	10C	PG	10
Phenoxymethyl Penicillin 10	-	-	-	PV	10C	-	-
Piperacillin 30	-	-	-	PRL	30C	-	-
Piperacillin 75	✓	-	-	PRL	75C	-	-

ANTIBIOTIC SUSCEPTIBILITY TESTING

DESCRIPTION Antibiotic & Strength µg per disc (unless otherwise stated)	STANDARD			ORDER CODE			
	BSAC	EUCAST 	CLSI	Cartridges 5 x 50 discs		Vials 100 discs	
Piperacillin 100	-	-	✓	PRL	100C	-	-
Piperacillin/Tazobactam 36	-	✓	-	PTZ	36C	-	-
Piperacillin/Tazobactam 85	✓	-	-	PTZ	85C	PTZ	85
Piperacillin/Tazobactam 110	-	-	✓	PTZ	110C	-	-
Polymyxin B 300 units	-	-	-	PB	300C	PB	300
Rifampicin 2	✓	-	-	RP	2C	RP	2
Rifampicin 5	✓	✓	✓	RP	5C	RP	5
Roxithromycin 15	-	-	-	ROX	15C	-	-
Spectinomycin 25	✓	-	-	SPC	25C	-	-
Spectinomycin 100	-	-	✓	SPC	100C	-	-
Streptomycin 10	✓	-	✓	S	10C	-	-
Streptomycin 25	-	-	-	S	25C	-	-
Synercid 15 (Quinupristin/Dalfopristin)	✓	-	✓	SYN	15C	SYN	15
Teicoplanin 30	✓	-	✓	TEC	30C	TEC	30
Telithromycin 15	✓	-	✓	TEL	15C	-	-
Temocillin 30	✓	-	-	TEM	30C	-	-
Tetracycline 10	✓	-	-	T	10C	T	10
Tetracycline 30	-	✓	✓	T	30C	T	30
Ticarcillin 75	✓	-	✓	TC	75C	-	-
Tigecycline 15	✓	✓	✓	TGC	15C	TGC	15
Timentin 85	✓	-	✓	TIM	85C	TIM	85
Tobramycin 10	✓	✓	✓	TN	10C	TN	10
Tobramycin 30	-	✓	-	TN	30C	-	-
Trimethoprim 1.25	-	-	-	-	-	TM	1.25
Trimethoprim 2.5	✓	-	-	TM	2.5C	TM	2.5
Trimethoprim 5	✓	✓	✓	TM	5C	TM	5
Tylosin 30	-	-	-	TY	30C	TY	30
Vancomycin 5	✓	✓	-	VA	5C	VA	5
Vancomycin 30	-	-	✓	VA	30C	VA	30
Blank discs	-	-	-	BD0680W/C		BD0638W	

ANTIFUNGAL SUSCEPTIBILITY DISCS IN CARTRIDGES AND VIALS

Amphotericin B 20	AMB	20C	AMB	20
Clotrimazole 10	CTM	10C	CTM	10
Econazole 10	ECN	10C	ECN	10
Fluconazole 10	FCN	10C	FCN	10
Fluconazole 25	FCN	25C	FCN	25
Flucytosine 1	FY	1C	FY	1
Ketoconazole 10	KCA	10C	KCA	10
Miconazole 10	MCL	10C	MCL	10
Nystatin 100	NY	100C	NY	100
Caspofungin 5	 CAS	5C	-	-

ESBL COMBINATION DETECTION DISCS

	Cartridges
Extended Spectrum β Lactamase Set	D52C 6 x 50
Cefotaxime 30 & Cefotaxime 30/Clavulanic Acid 10	D62C 6 x 50
Cefepime 30 & Cefepime 30/Clavulanic Acid 10	D63C 6 x 50
Ceftazidime 30 & Ceftazidime 30/Clavulanic Acid 10	D64C 6 x 50
Cefpodoxime 10 & Cefpodoxime 10/Clavulanic Acid 1	D66C 6 x 50
Extended Spectrum β Lactamase Set (CPD10)	D67C 6 x 50
AmpC & ESβL Detection Set	D68C 4 x 50
AmpC Detection Set	D69C 3 x 50
Carbapenemase Detection Set	TBA 4 x 50

PLEASE SEE SEPARATE LIST FOR THE RANGE OF MAST™ IDENTIFICATION DISCS DISCS TO SPECIAL ORDER

Discs not listed may be manufactured to special order in vial or cartridge format. Special discs are available as either number or letter coded discs subject to minimum order, lead time and initial set up fee as appropriate.

Please refer to MAST Custom Manufacturing Policy on page 50 of this catalogue.

ANTIBIOTIC SUSCEPTIBILITY TESTING

ORDER NO:	PRODUCT		PACKSIZE
LOW STRENGTH PENICILLIN DISCS			
<p>For detecting the emergence of penicillin resistance. (vials of 100 discs or 5x50 discs in cartridges)</p>			
PG1	Penicillin G (vials)	1 unit	1 vial
PG1C	Penicillin G (cartridges)	1 unit	1 pack
<p>The following discs are available to special order and subject to 4-6 weeks lead time.</p>			
PG0.03	Penicillin G (vials)	0.03 unit	Min order 20 pks or vials
PG0.03C	Penicillin G (cartridges)	0.03 unit	
PG0.25	Penicillin G (vials)	0.25 unit	
PG0.25C	Penicillin G (cartridges)	0.25 unit	
HIGH STRENGTH AMINOGLYCOSIDE DISCS			
<p>The following discs are available to special order and subject to 4-6 weeks lead time.</p>			
<p>For detecting high level aminoglycoside resistance. (vials of 100 discs or 5x50 discs in cartridges)</p>			
GM500	Gentamicin (vials)	500µg	Min order 20 pks or vials
GM500C	Gentamicin (cartridges)	500µg	
S500	Streptomycin (vials)	500µg	
S500C	Streptomycin (cartridges)	500µg	
K1000	Kanamycin (vials)	1000µg	
K1000C	Kanamycin (cartridges)	1000µg	
OXACILLIN STRIPS			
STOX	Oxacillin Strips for the detection of MRSA (this product is a direct replacement for STMT methicillin strips)		50 Strips
MASTRING-S™			
M13	Stock MASTRING-S™ - Systemic GM +ve ring		1 tin
M5	Stock MASTRING-S™ - Systemic GM +ve ring		1 tin
M43	Stock MASTRING-S™ - Systemic GM +ve ring		1 tin
M14	Stock MASTRING-S™ - Systemic GM -ve ring		1 tin
M26	Stock MASTRING-S™ - Systemic urine ring		1 tin
M51	Stock MASTRING-S™ - Systemic urine ring		1 tin
<p>The same price applies to 6 and 8 drug rings. (100 rings per tin)</p>			
MASTRING-S™ TO SPECIAL ORDER			
<p>Rings not listed may be manufactured to special order subject to technical limitations. Special rings are available as number or letter coded subject to minimum order, lead time and set up fee as appropriate.</p>			
<p>Please refer to MAST Custom Manufacturing Policy on page 50 of this catalogue.</p>			

ANTIBIOTIC SUSCEPTIBILITY TESTING

ORDER NO:	PRODUCT	PACKSIZE
ADATAB®		
For agar dilution antibiotic susceptibility testing Each tablet for addition to 100ml medium.		1 tablet per 100ml
STOCK ADATABS		
TAB/AK0.8	AMIKACIN 0.8mg	25 tablets
TAB/AK3.2	AMIKACIN 3.2mg	25 tablets
TAB/A0.8	AMOXYCILLIN 0.8mg	25 tablets
TAB/A3.2	AMOXYCILLIN 3.2mg	25 tablets
TAB/AP0.1	AMPICILLIN 0.1mg	25 tablets
TAB/AP0.8	AMPICILLIN 0.8mg	25 tablets
TAB/AP3.2	AMPICILLIN 3.2mg	25 tablets
TAB/AUG0.2	AUGMENTIN 0.2mg	25 tablets
TAB/AUG0.8	AUGMENTIN 0.8mg	25 tablets
TAB/AUG3.2	AUGMENTIN 3.2mg	25 tablets
TAB/CPD0.1	CEFPODOXIME 0.1mg	25 tablets
TAB/CTX0.2	CEFOTAXIME 0.2mg	25 tablets
TAB/CTX1.6	CEFOTAXIME 1.6mg	25 tablets
TAB/FOX0.4	CEFOXITIN 0.4mg	25 tablets
TAB/CAZ0.2	CEFTAZIDIME 0.2mg	25 tablets
TAB/CAZ0.8	CEFTAZIDIME 0.8mg	25 tablets
TAB/CAZ3.2	CEFTAZIDIME 3.2mg	25 tablets
TAB/CRO0.8	CEFTRIAZONE 0.8mg	25 tablets
TAB/CXM0.1	CEFUROXIME 0.1mg	25 tablets
TAB/CXM0.8	CEFUROXIME 0.8mg	25 tablets
TAB/CXM3.2	CEFUROXIME 3.2mg	25 tablets
TAB/CFX3.2	CEPHALEXIN 3.2mg	25 tablets
TAB/KF3.2	CEPHALOTHIN 3.2mg	25 tablets
TAB/CRD0.8	CEPHRADINE 0.8mg	25 tablets
TAB/CRD3.2	CEPHRADINE 3.2mg	25 tablets
TAB/C0.8	CHLORAMPHENICOL 0.8mg	25 tablets
TAB/CIP0.06	CIPROFLOXACIN 0.06mg	25 tablets
TAB/CIP0.2	CIPROFLOXACIN 0.2mg	25 tablets
TAB/CIP0.8	CIPROFLOXACIN 0.8mg	25 tablets
TAB/CD0.1	CLINDAMYCIN 0.1mg	25 tablets
TAB/CO0.8	COLISTIN 0.8mg	25 tablets
TAB/TS0.2/3.8	COTRIMOXAZOLE 0.2/3.8mg	25 tablets
TAB/E0.05	ERYTHROMYCIN 0.05mg	25 tablets
TAB/E0.1	ERYTHROMYCIN 0.1mg	25 tablets
TAB/E0.2	ERYTHROMYCIN 0.2mg	25 tablets
TAB/FOT12.8	FOSFOMYCIN TROMETAMOL 12.8mg	25 tablets
TAB/FC0.2	FUSIDIC ACID 0.2mg	25 tablets
TAB/GM0.1	GENTAMICIN 0.1mg	25 tablets
TAB/GM0.4	GENTAMICIN 0.4mg	25 tablets
TAB/GM0.8	GENTAMICIN 0.8mg	25 tablets
TAB/IMI0.8	IMIPENEM 0.8mg	25 tablets
TAB/LEV0.2	LEVOFLOXACIN 0.2mg	25 tablets
TAB/LZD0.4	LINEZOLID 0.4mg	25 tablets
TAB/MEM0.4	MEROPENEM 0.4mg	25 tablets
TAB/MEM1.6	MEROPENEM 1.6mg	25 tablets
TAB/MZ0.4	METRONIDAZOLE 0.4mg	25 tablets
TAB/MUP0.4	MUPIROCIN 0.4mg	25 tablets
TAB/NA3.2	NALIDIXIC ACID 3.2mg	25 tablets
TAB/NI3.2	NITROFURANTOIN 3.2mg	25 tablets
TAB/NI6.4	NITROFURANTOIN 6.4mg	25 tablets
TAB/NOR1.6	NORFLOXACIN 1.6mg	25 tablets
TAB/NO0.2	NOVOBIOCIN 0.2mg	25 tablets
TAB/OX0.1	OXACILLIN 0.1mg	25 tablets
TAB/OX0.2	OXACILLIN 0.2mg	25 tablets
TAB/PG0.006	PENICILLIN G 0.006mg	25 tablets
TAB/PG0.025	PENICILLIN G 0.025mg	25 tablets
TAB/PG0.2	PENICILLIN G 0.2mg	25 tablets
TAB/PG0.8	PENICILLIN G 0.8mg	25 tablets

ANTIBIOTIC SUSCEPTIBILITY TESTING

ORDER NO:	PRODUCT	PACKSIZE
ADATAB® (continued)		
TAB/PRL1.6	PIPERACILLIN 1.6mg	25 tablets
TAB/PRL6.4	PIPERACILLIN 6.4mg	25 tablets
TAB/RP0.006	RIFAMPICIN 0.06mg	25 tablets
TAB/RP0.2	RIFAMPICIN 0.2mg	25 tablets
TAB/PTZ1.6	PIPERACILLIN /TAZOBACTAM 1.6mg	25 tablets
TAB/TEC0.8	TEICOPLANIN 0.8mg	25 tablets
TAB/T0.1	TETRACYCLINE 0.1mg	25 tablets
TAB/T0.4	TETRACYCLINE 0.4mg	25 tablets
TAB/TN0.2	TOBRAMYCIN 0.2mg	25 tablets
TAB/TM0.05	TRIMETHOPRIM 0.05mg	25 tablets
TAB/TM0.2	TRIMETHOPRIM 0.2mg	25 tablets
TAB/TM0.8	TRIMETHOPRIM 0.8mg	25 tablets
TAB/VA0.4	VANCOMYCIN 0.4mg	25 tablets
ADATABS TO SPECIAL ORDER		
Any ADATAB® may be made to special order dependent on the characteristics and availability of the antibiotic. Lead time 4-6 weeks, minimum order 15 packs.		
Please refer to MAST Custom Manufacturing Policy on page 50 of this catalogue.		
MAST ID™		
MAST ID™ Biochemical tests in agar for microbial identification using multipoint inoculation. Each pack contains 10 x 200ml preweighed sachets.		
IDM21/A	Aesculin Agar	1 pack
IDM1/A	Amygdalin Agar	1 pack
IDM2/A	Arabinose Agar	1 pack
IDM37/A	Beta-Glucuronidase Agar	1 pack
IDM14/A	Carbohydrate Agar Base	1 pack
IDM23/A	Citrate Agar	1 pack
IDM11/A	Dulcitol Agar	1 pack
IDM3/A	Glucose Agar	1 pack
IDM25/A	H ₂ S Agar	1 pack
IDM34/A	Indole Agar	1 pack
IDM4/A	Inositol Agar	1 pack
IDM26/A	LDC Agar	1 pack
IDM27/A	Malonate Agar	1 pack
IDM5/A	Maltose Agar	1 pack
IDM6/A	Mannitol Agar	1 pack
IDM28/A	Motility Test Agar	1 pack
IDM30/A	ODC Agar	1 pack
IDM29/A	ONPG Agar	1 pack
IDM31/A	Phenylalanine Agar	1 pack
IDM8/A	Rhamnose Agar	1 pack
IDM9/A	Sorbitol Agar	1 pack
IDM10/A	Sucrose Agar	1 pack
IDM32/A	Urea Agar Base (Multipoint)	1 pack
IDM33/A	VP Agar	1 pack
IDM13/A	Xylose Agar	1 pack
MAST ID™ REAGENTS		
DM228s	Urea Solution (40% v/v) for use with Urea Agar Base (Multipoint) (IDM32)	10x10ml

MAST URI® SYSTEM

ORDER NO:	PRODUCT	PACKSIZE
AUTOMATIC MULTIPOINT INOCULATOR		
Subject to a lead time of 8 weeks.		
SCANURIDOT	Mast Uri® Dot Automatic multipoint inoculator with footswitch and spares N.B. Appropriate equipment sets for 19, 36 or 96 point inoculation must also be ordered separately from the accessories list below.	1 unit
Accessories (must be ordered separately)		
SCANES019	Equipment set for 19 point inoculation - Stainless steel inoculum pot and head, with 19 x 0.3ul inoculum pins	1 Set
SCANES019N	Equipment set for 19 point inoculation - Stainless steel inoculum pot and head, with 19 x 1ul inoculum pins	1 Set
SCANES036	Equipment set for 36 point inoculation - Stainless steel pot and head, with 36 x 0.3ul inoculum pins	1 Set
SCANES036N	Equipment set for 36 point inoculation - Stainless steel pot and head, with 36 x 1ul inoculum pins	1 Set
SCANES096	Equipment set for 96 point inoculation - stainless steel inoculum head & 96 x 0.3ul pins (for use with microtitre tray)	1 Set
SCANES096N	Equipment set for 96 point inoculation - stainless steel inoculum head & 96 x 1ul pins (for use with microtitre tray)	1 Set
SCAN 110	0.3ul Inoculum pin, stainless steel	1
SCAN 110N	1ul Inoculum pin, stainless steel	1
SCAN111SS	Inoculum head, 19 pin (0.3ul), stainless steel	1
SCAN112SS	Inoculum head, 36 pin (0.3ul), stainless steel	1
SCAN113SS	Inoculum pot, 19 well, stainless steel	1
SCAN114SS	Inoculum pot, 36 well, stainless steel	1
SCAN 496	Inoculum head, 96 pin (0.3ul), stainless steel	1
SCAN 496N	Inoculum head, 96 pin (1ul), stainless steel	1
SCAN 120	Marker Assembly	1

MAST URI® SYSTEM

ORDER NO: PRODUCT PACKSIZE

MAST URI® SYSTEM

Subject to a lead time of 8 weeks.

The Mast **Uri®** System is a group of instrumentation, software and consumables that facilitates the rapid microbiological examination of urine samples to differentiate infected urines from those that are sterile or contaminated. The system will subsequently report bacterial identification and antibiotic susceptibility results on those specimens considered to be significant.

Comprising the Mast **Uri® Plus** analyser; Mast **Uri® Well** dispensing aid; Mast **Uri® Plates** and Mast **Uri® Dot** inoculator with 96 well head and pins, the Mast **Uri®** System is designed to deliver results in a fast and cost-effective manner.

Testing is divided into four phases:

- Inoculation of urine samples onto Mast **Uri® Plates**
- 18-24 hours incubation
- Next day reading and analysis
- Validation of results

This means that >95% of antibiotic and identification results can be reported the day after receipt of specimen within the laboratory

Software Modules and Accessories

SCANURIPPLUS	MAST Uri® Plus Analyser	1
SCANURIWELL	MAST Uri® Well Dispensing aid	1
SCANURIDOT	MAST Uri® Dot Inoculator	1
URIINTER	MAST Uri® Plus Interface Module	1
URIMAIN	MAST Uri® Plus Maintenance contract	1

CONSUMABLES

A standard range of antibiotic and identification tests for urine screening. Plates to customer specification may be made depending on Mast's ability to produce.

Antibiotic and identification plates can be combined to constitute individual plate sets according to specific laboratory requirements.

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	PACKSIZE	ORDER NO:	PRODUCT	PACKSIZE
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CLINICAL & INDUSTRIAL CULTURE MEDIA

Available from Stock.

DM630D	Anaerobe Isolation Agar	500g
DM095D	Baird-Parker Medium	500g
DM100D	Blood Agar Base	500g
DM101D	Blood Agar Base-Special	500g
DM104D	Brain Heart Infusion Agar	500g
DM106D	Brain Heart Infusion Broth	500g
DM105-2D	Brilliant Green Agar (Modified Formula)	500g
DM259D	Brilliant Green Bile (2%) Broth	500g
DM107D	Brucella Agar	500g
DM494D	Buffered Peptone Water	500g
DM269D	Buffered Rappaport Vassiliadis Broth	500g
DM253D	Burkholderia cepacia Medium	500g
DM470D	C.E.M.O. Agar	500g
DM110D	C.L.E.D. Medium	500g
DM111D	C.L.E.D. with Andrade's Indicator	500g
DM109D	Charcoal Agar	500g
DM254D	Clostridium difficile medium	500g
DM115D	Columbia Agar	500g
DM119D	Cooked Meat Granules	250g
DM120D	Cooked Meat Medium	500g
DM130D	D.C.A. (Hynes)	500g
DM131D	D.C.A. (Leifsons)	500g
DM129D	D.C.L.S. Agar	500g
DM215D	D.S.T. Agar (Sulphonamide Antagonist Free)	500g
DM132D	DNase Agar	500g
DM096S	Egg Yolk Emulsion 50%	6 x 100ml
DM097S	Egg Yolk Tellurite Emulsion 50%	6 x 100ml
DM135D	Endo Agar	500g
DM133D	Eosin Methylene Blue Agar	500g
DM136D	G.C. Agar Base	500g
DM134D	Hektoen Enteric Agar	500g
DM255D	Islams Agar	500g
DM137D	Kligler's Iron Agar	500g
DM138-1D	Kohn's No.1 Medium	500g
DM138-2D	Kohn's No.2 Medium	100g
DM258D	Legionella BCYE Agar Base	500g
DM256D	Listeria Selective Agar Base	500g

CLINICAL & INDUSTRIAL CULTURE MEDIA

Available as Special order items, please refer to MAST Custom Manufacturing Policy on page 50.

DM630E	Anaerobe Isolation Agar	5kg
DM095E	Baird-Parker Medium	5kg
DM100E	Blood Agar Base	5kg
DM101E	Blood Agar Base-Special	5kg
DM104E	Brain Heart Infusion Agar	5kg
DM106E	Brain Heart Infusion Broth	5kg
DM105-2E	Brilliant Green Agar (Modified Formula)	5kg
DM259E	Brilliant Green Bile (2%) Broth	5kg
DM107E	Brucella Agar	5kg
DM494E	Buffered Peptone Water	5kg
DM269E	Buffered Rappaport Vassiliadis Broth	5kg
DM253E	Burkholderia cepacia Medium	5kg
DM470E	C.E.M.O. Agar	5kg
DM110E	C.L.E.D. Medium	5kg
DM111E	C.L.E.D. with Andrade's Indicator	5kg
DM109E	Charcoal Agar	5kg
DM254E	Clostridium difficile medium	5kg
DM115E	Columbia Agar	5kg
DM119E	Cooked Meat Granules	2.5kg
DM120E	Cooked Meat Medium	5kg
DM130E	D.C.A. (Hynes)	5kg
DM131E	D.C.A. (Leifsons)	5kg
DM129E	D.C.L.S. Agar	5kg
DM215E	D.S.T. Agar (Sulphonamide Antagonist Free)	5kg
DM132E	DNase Agar	5kg
DM135E	Endo Agar	5kg
DM133E	Eosin Methylene Blue Agar	5kg
DM136E	G.C. Agar Base	5kg
DM134E	Hektoen Enteric Agar	5kg
DM255E	Islams Agar	5kg
DM137E	Kligler's Iron Agar	5kg
DM138-1E	Kohn's No.1 Medium	5kg
DM258E	Legionella BCYE Agar Base	5kg
DM256E	Listeria Selective Agar Base	5kg

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	PACKSIZE	ORDER NO:	PRODUCT	PACKSIZE
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CLINICAL & INDUSTRIAL CULTURE MEDIA

Available from Stock.

DM440D	M.S.R.V. (Salmonella) Medium	500g
DM141D	MacConkey Agar	500g
DM140D	MacConkey Agar (without salt)	500g
DM142D	MacConkey Agar No.2	500g
DM143D	MacConkey Agar No.3	500g
DM150D	MacConkey Broth	500g
DM160D	Mannitol Salt Agar	500g
DM170D	Mueller Hinton Agar	500g
DM171D	Mueller Hinton Broth	500g
DM179D	Nutrient Agar	500g
DM180D	Nutrient Broth	500g
DM184D	Peptone Agar	500g
DM185D	Peptone Water	500g
DM195D	Plate Count Agar	500g
DM251D	Preston Blood Free Campylobacter Agar Base	500g
DM205D	S.S. Agar	500g
DM200D	Sabouraud Dextrose Agar	500g
DM211D	Simmons Citrate Agar	500g
DM491D	Sorbitol MacConkey Agar	500g
DM218D	T.C.B.S. Cholera Medium	500g
DM219S	Tetrathionate Broth	460g
DM221D	Thioglycollate Broth USP	500g
DM224D	Triple Sugar Iron Agar (TSI)	500g
DM225D	Tryptone Soy Agar	500g
DM226D	Tryptone Soy Broth	500g
DM228D	Urea Agar Base	500g
DM228S	Urea Solution (40% v/v)	10 x 100ml
DM493D	Violet Red Bile (Glucose) Agar	500g
DM480D	Violet Red Bile (Lactose) Agar	500g
DM235D	Wilkins Chalgren Agar	500g
DM230D	X.L.D. Agar	500g
DM496D	Yeast Extract Agar	500g
DM702D	Yeast Glucose Chloramphenicol Agar	500g
DM252D	Yersinia Agar Base	500g

CLINICAL & INDUSTRIAL CULTURE MEDIA

Available as Special order items, please refer to MAST Custom Manufacturing Policy on page 50.

DM440E	M.S.R.V. (Salmonella) Medium	5kg
DM141E	MacConkey Agar	5kg
DM140E	MacConkey Agar (without salt)	5kg
DM142E	MacConkey Agar No.2	5kg
DM143E	MacConkey Agar No.3	5kg
DM150E	MacConkey Broth	5kg
DM160E	Mannitol Salt Agar	5kg
DM170E	Mueller Hinton Agar	5kg
DM171E	Mueller Hinton Broth	5kg
DM179E	Nutrient Agar	5kg
DM180E	Nutrient Broth	5kg
DM184E	Peptone Agar	5kg
DM185E	Peptone Water	5kg
DM195E	Plate Count Agar	5kg
DM251E	Preston Blood Free Campylobacter Agar Base	5kg
DM205E	S.S. Agar	5kg
DM200E	Sabouraud Dextrose Agar	5kg
DM211E	Simmons Citrate Agar	5kg
DM491E	Sorbitol MacConkey Agar	5kg
DM218E	T.C.B.S. Cholera Medium	5kg
DM221E	Thioglycollate Broth USP	5kg
DM224E	Triple Sugar Iron Agar (TSI)	5kg
DM225E	Tryptone Soy Agar	5kg
DM226E	Tryptone Soy Broth	5kg
DM228E	Urea Agar Base	5kg
DM493E	Violet Red Bile (Glucose) Agar	5kg
DM480E	Violet Red Bile (Lactose) Agar	5kg
DM235E	Wilkins Chalgren Agar	5kg
DM230E	X.L.D. Agar	5kg
DM496E	Yeast Extract Agar	5kg
DM702E	Yeast Glucose Chloramphenicol Agar	5kg
DM252E	Yersinia Agar Base	5kg

CULTURE MEDIA & SUPPLEMENTS

ORDER NO: PRODUCT PACKSIZE

The following products are available to Special Order.
Lead time 4-6 weeks. Minimum order 1 pack.

BASIC MEDIA RAW MATERIALS

RM10A	Agar A	100g
RM10B	Agar A	500g
RM10E	Agar A	5Kg
RM20A	Beef Extract, Neutralised Powder	100g
RM20B	Beef Extract, Neutralised Powder	500g
RM20E	Beef Extract, Neutralised Powder	5Kg
RM25A	Bile Salts	100g
RM25Q	Bile Salts	250g
RM25E	Bile Salts	5Kg
RM30A	Casein Hydrolysate, Acidic	100g
RM30Q	Casein Hydrolysate, Acidic	250g
RM30E	Casein Hydrolysate, Acidic	5Kg
RM31A	Casein Hydrolysate, Enzymic	100g
RM31Q	Casein Hydrolysate, Enzymic	250g
RM31E	Casein Hydrolysate, Enzymic	5Kg
RM50A	Peptone, A, Neutralised	100g
RM50Q	Peptone, A, Neutralised	250g
RM50E	Peptone, A, Neutralised	5Kg
RM51A	Peptone, B	100g
RM51Q	Peptone, B	250g
RM51E	Peptone, B	5Kg
RM52A	Bacteriological Peptone	100g
RM52Q	Bacteriological Peptone	250g
RM52E	Bacteriological Peptone	5Kg
RM60A	Sodium Desoxycholate	100g
RM70A	Yeast Extract	100g
RM70B	Yeast Extract	500g
RM70E	Yeast Extract	5Kg
RM71A	Yeast Extract Special	100g
RM71B	Yeast Extract Special	500g
RM71E	Yeast Extract Special	5Kg

Quotations for bulk orders available on request.

CULTURE MEDIA & SUPPLEMENTS

ORDER NO: PRODUCT PACKSIZE

SELECTIVE SUPPLEMENTS

MAST SELECTATAB™ and SELECTAVIAL™ Lyophilised supplements in tablets and vials for the preparation of selective, differential or enrichment media.

USAGE

MAST SELECTATAB™, SELECTAVIAL™ and 500g packs of media are available from stock.


5Kg packs of media are available to Special order with 4-6 week lead time. Minimum order 5Kg.

ORDER NO:	PRODUCT	USAGE	PACKSIZE
Actinomycete Selection			
MS25	Actinomycete Selectatab	1 tab per 100ml	25 tablets
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
Anaerobe Isolation			
MS8	Neomycin Selectatab	1 tab per 100ml	25 tablets
MS8A	Neomycin Selectatab	1 tab per 500ml	10 tablets
SV8	Neomycin Selectavial	1 vial per litre	10 vials
SV9	Nalidixic Acid Selectavial	1 vial per litre	10 vials
DM101D	Blood Agar Base Special		500g
DM101E	Blood Agar Base Special		5Kg
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
DM107D	Brucella Agar		500g
DM107E	Brucella Agar		5Kg
Bordetella Selection			
MS10	Cephalexin Selectatab	1 tab per 100ml	25 tablets
DM109D	Charcoal Agar		500g
DM109E	Charcoal Agar		5Kg
Brucella Selection			
DM107D	Brucella Agar		500g
DM107E	Brucella Agar		5Kg
Burkholderia cepacia Selection			
MS22	Burkholderia cepacia Selectatab	1 tab per 100ml	25 tablets
SV22	Burkholderia cepacia Selectavial	1 vial per 500ml	10 vials
DM253D	Burkholderia cepacia Medium		500g
DM253E	Burkholderia cepacia Medium		5Kg
Campylobacter Selection			
MS3	Camp Selectatab (Skirrow)	1 tab per 250ml	25 tablets
SV3	Camp Selectavial (Skirrow)	1 vial per litre	10 vials
MS18	Camp Selectatab (Preston Blood Free)	1 tab per 250ml	25 tablets
SV18	Camp Selectavial (Preston Blood Free)	1 vial per litre	10 vials
MS26	Camp Selectatab (Modified Butzler Medium Virion)	1 tab per 500ml	10 tablets
SV28	Camp Selectavial(Preston Original)	1 vial per 500ml	10 vials

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	USAGE	PACKSIZE
DM101D	Blood Agar Base Special		500g
DM101E	Blood Agar Base Special		5Kg
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
DM251D	Preston Blood Free Campylobacter Agar Base		500g
DM251E	Preston Blood Free Campylobacter Agar Base		5Kg
<i>Campylobacter Selective Enrichment</i>			
SV59	Campylobacter Selective Supplement (Exeter)	1 vial per 1.125 litre	10 vials
SV61	Campylobacter Growth Supplement (FBP)	1 vial per 1.125 litre	10 vials
<i>C.E.M.O Selection (T.equigenitalis)</i>			
MS31	C.E.M.O. 1 Selectatab	1 tab per 100ml	25 tablets
MS32	C.E.M.O. 2 Selectatab	1 tab per 100ml	25 tablets
MS60	C.E.M.O. Supplement Selectatab	1 tab per 500ml	10 tablets
DM470D	C.E.M.O Agar		500g
DM470E	C.E.M.O Agar		5Kg
<i>Clostridium difficile Selection</i>			
SV23	Clostridium difficile Selectavial	1 vial per 500ml	10 vials
DM254D	Clostridium difficile Medium		500g
DM254E	Clostridium difficile Medium		5Kg
<i>E.coli 0157 Selection</i>			
SV48	Cefixime Tellurite (CT) Selectavial	1 vial per 500ml	10 vials
SV49	Cefixime Tellurite (CT) Selectavial	1 vial per litre	10 vials
DM491D	Sorbitol MacConkey Agar		500g
DM491E	Sorbitol MacConkey Agar		5Kg
<i>E.coli 0157 Enrichment</i>			
SV30	Novobiocin Selectavial	1 vial per 2.25 litre	10 vials
DM494D	Buffered Peptone water		500g
DM494E	Buffered Peptone water		5Kg
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
<i>Gardnerella Selection</i>			
MS15	Gardnerella Selectatab	1 tab per 250ml	25 tablets
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
<i>G.C. Selection</i>			
SV5	G.C. Selectavial (V.C.T.)	1 vial per litre	10 vials
SV6	G.C. Selectavial (V.C.N.T.)	1 vial per litre	10 vials
SV16	G.C. Growth Selectavial	1 vial per litre	10 vials
SV20	G.C. Selectavial (L.C.A.T.)	1 vial per litre	10 vials
DM136D	G.C.Agar Base		500g
DM136E	G.C.Agar Base		5Kg

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	USAGE	PACKSIZE
Haemophilus Selection			
MS27	Haemophilus Selectatab	1 tab per 100ml	25 tablets
MS27A	Haemophilus Selectatab	1 tab per 500ml	10 tablets
SV27	Haemophilus Selectavial	1 vial per litre	10 vials
SV82	 NAD Selectavial	1 vial per litre	10 vials
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
Legionella Selection			
SV36	Legionella Selectavial (MWY)	1 vial per 500ml	10 vials
SV37	Legionella Selectatab (PNV)	1 vial per 500ml	10 vials
SV94	GVPN Selectavial	1 vial per 500ml	10 vials
DM258D	Legionella B.C.Y.E Agar Base		500g
DM258E	Legionella B.C.Y.E Agar Base		5Kg
Legionella Enrichment			
SV35	Legionella Growth Supplement (L-CYS)	1 vial per 500ml	10 vials
DM258D	Legionella B.Y.C.E Agar Base		500g
DM258E	Legionella B.Y.C.E Agar Base		5Kg
Listeria Selection			
SV33	Listeria Selectavial (Oxford) Formula	1 vial per 500ml	10 vials
DM256D	Listeria Selective Agar Base (Oxford)		500g
DM256E	Listeria Selective Agar Base (Oxford)		5Kg
Listeria Enrichment			
SV34	Listeria Selectavial (Selective Enrichment)	1 vial per 500ml	10 vials
Mycobacteria Selection			
MS24	Mycobacteria Selectatab (Kirchner)	1 tab per 500ml	10 tablets
SV24	Mycobacteria Selectavial (Kirchner)	1 vial per 500ml	10 vials
SV40	Sputagest Selectavial	1 vial per 100ml	10 vials
Pneumococcus Selection			
MS13	Pneumococcus Selectatab	1 tab per 100ml	25 tablets
DM101D	Blood Agar Base Special		500g
DM101E	Blood Agar Base Special		5Kg
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
Proteus-Inhibition of Swarming			
MS2	P.N.P.G. Selectatab	1 tab per 100ml	25 tablets
MS2A	P.N.P.G. Selectatab	1 tab per 500ml	10 tablets
SV2	P.N.P.G. Selectavial	1 vial per litre	10 vials
Salmonella Selection			
SV30	Novobiocin Selectavial	1 vial per 2.25 litre	10 vials
DM440D	M.S.R.V. (Salmonella) Medium		500g
DM440E	M.S.R.V. (Salmonella) Medium		5Kg
Staphylococcus aureus Isolation			
DM095D	Baird Parker Medium		500g
DM095E	Baird Parker Medium		5Kg
DM096S	Egg Yolk Emulsion 50%		6 x 100ml
DM097S	Egg Yolk Tellurite Emulsion 50%		6 x 100ml


CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	USAGE	PACKSIZE
	<i>Staphylococcus aureus Isolation (Methicillin resistant)</i>		
MS29	MRSA Selectatab (Oxacillin)	1 tab per 100ml	25 tablets
SV29	MRSA Selectavial (Oxacillin)	1 vial per litre	10 vials
DM160D	Mannitol Salt Agar		500g
DM160E	Mannitol Salt Agar		5Kg
	<i>Streptococcus Selection</i>		
MS12	Streptococcus Selectatab	1 tab per 250ml	25 tablets
DM101D	Blood Agar Base Special		500g
DM101E	Blood Agar Base Special		5Kg
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
	<i>Staphylococcus/Streptococcus Selection</i>		
MS11	Staph/Strep Selectatab	1 tab per 250ml	25 tablets
SV11	Staph/Strep Selectavial	1 vial per litre	10 vials
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
	<i>Yersinia Selection</i>		
MS19	Yersinia Selectatab	1 tab per 250ml	25 tablets
DM252D	Yersinia Agar Base		500g
DM252E	Yersinia Agar Base		5Kg
	<i>Yeast & Mould Isolation</i>		
SV54	Chloramphenicol Selectavial	1 vial per 500ml	10 vials
DM200D	Sabouraud Dextrose Agar		500g
DM200E	Sabouraud Dextrose Agar		5Kg
DM487D	OGYE Agar		500g
DM487E	OGYE Agar		5Kg
DM702D	Yeast Glucose Chloramphenicol Agar		500g
DM702E	Yeast Glucose Chloramphenicol Agar		5Kg
<p>Supplements not listed here may be available to Special Order in either SELECTATAB™ or SELECTAVIAL™ format subject to a minimum order of 15 packs. Lead time 4-6 weeks. Please refer to MAST Custom Manufacturing Policy on page 50 of this catalogue.</p>			

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	PACKSIZE
READY TO USE SUPPLEMENTS		
DM096S	Egg Yolk Emulsion 50%	6 x 100ml
DM097S	Egg Yolk Tellurite Emulsion 50%	6 x 100ml
MAST ID™ CHROMagar Candida®		
IDM40/L	MAST ID™ CHROMagar® Candida For the detection and identification of <i>Candida albicans</i> , <i>Candida tropicalis</i> and other <i>Candida</i> spp.	10 x 100ml sachets
IDM40D	MAST ID™ CHROMagar® Candida For the detection and identification of <i>Candida albicans</i> , <i>Candida tropicalis</i> and other <i>Candida</i> spp. (Available to Special Order only. Lead time 4 weeks)	500g
MAST - POURITE™ Anti-bubble Agent for Agar Based Media		
MP1A	MAST-POURITE™	60ml
MAST REDIPREP® PREPARED EGG MEDIA Isolation Egg Media. Available from stock.		
EM100	Löwenstein-Jensen Medium	50 slopes
EM102	Löwenstein-Jensen Medium with Pyruvate	50 slopes

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT		PACKSIZE
SELECTIVE SUPPLEMENTS			
MAST SELECTATAB™ and SELECTAVIAL™ Lyophilised supplements in tablets and vials for the preparation of selective, differential or enrichment media.			
		USAGE	
MS25	Actinomycete Selectatab	1 tab per 100ml	25 tablets
MS22	<i>Burkholderia cepacia</i> Selectatab	1 tab per 100ml	25 tablets
SV22	<i>Burkholderia cepacia</i> Selectavial	1 vial per 500ml	10 vials
MS31	C.E.M.O. 1 Selectatab	1 tab per 100ml	25 tablets
MS32	C.E.M.O. 2 Selectatab	1 tab per 100ml	25 tablets
MS60	C.E.M.O. Supplement Selectatab	1 tab per 500ml	10 tablets
MS26	Camp Selectatab (Modified Butzler)	1 tab per 500ml	10 tablets
MS18	Camp Selectatab (Preston Blood Free)	1 tab per 250ml	25 tablets
SV28	Camp Selectavial (Preston Original)	1 vial per 500ml	10 vials
MS3	Camp Selectatab (Skirrow)	1 tab per 250ml	25 tablets
SV18	Camp Selectavial (Preston Blood Free)	1 vial per litre	10 vials
SV3	Camp Selectavial (Skirrow)	1 vial per litre	10 vials
SV61	Campylobacter Growth Supplement	1 vial per 1.125 litres	10 vials
SV59	Campylobacter Selective Supplement	1 vial per 1.125 litres	10 vials
SV48	Cefixime Tellurite (CT) Selectavial	1 vial per 500ml	10 vials
SV49	Cefixime Tellurite (CT) Selectavial	1 vial per litre	10 vials
MS10	Cephalexin Selectatab	1 tab per 100ml	25 tablets
SV54	Chloramphenicol Selectavial	1 vial per 500ml	10 vials
SV23	<i>Clostridium difficile</i> Selectavial	1 vial per 500ml	10 vials
SV16	G.C. Growth Selectavial	1 vial per litre	10 vials
SV20	G.C. Selectavial (L.C.A.T.)	1 vial per litre	10 vials
SV6	G.C. Selectavial (V.C.N.T.)	1 vial per litre	10 vials
SV5	G.C. Selectavial (V.C.T.)	1 vial per litre	10 vials
MS15	Gardnerella Selectatab	1 tab per 250ml	25 tablets
SV94	GVPN Selectavial	1 vial per 500ml	10 vials
MS27	Haemophilus Selectatab	1 tab per 100ml	25 tablets
MS27A	Haemophilus Selectatab	1 tab per 500ml	10 tablets
SV27	Haemophilus Selectavial	1 vial per litre	10 vials
SV35	Legionella Growth Supplement (L-CYS)	1 vial per 500ml	10 vials
SV36	Legionella Selectavial (MWY)	1 vial per 500ml	10 vials
SV37	Legionella Selectatab (PNV)	1 vial per 500ml	10 vials
SV33	Listeria Selectavial (Oxford) Formula	1 vial per 500ml	10 vials
MS29	MRSA Selectatab (Oxacillin)	1 tab per 100ml	25 tablets
SV29	MRSA Selectavial (Oxacillin)	1 vial per litre	10 vials
M524	Microbacteria Selectatab (Kirchner)	1 tab per 500ml	10 tablets
SV24	Mycobacteria Selectavial (Kirchner)	1 vial per 500ml	10 vials
SV82	 NAD Selectavial (for EUCAST susceptibility test method)	1 vial per litre	10 vials
SV9	Nalidixic Acid Selectavial	1 vial per litre	10 vials
MS8	Neomycin Selectatab	1 tab per 100ml	25 tablets
MS8A	Neomycin Selectatab	1 tab per 500ml	10 tablets
SV8	Neomycin Selectavial	1 vial per litre	10 vials
SV30	Novobiocin Selectavial	1 vial per 2.25 litres	10 vials
MS2	P.N.P.G. Selectatab	1 tab per 100ml	25 tablets
MS2A	P.N.P.G. Selectatab	1 tab per 500ml	10 tablets
SV2	P.N.P.G. Selectavial	1 vial per litre	10 vials
MS13	Pneumococcus Selectatab	1 tab per 100ml	25 tablets
SV40	Sputagest Selectavial	1 vial per 100ml	10 vials
MS11	Staph/Strep Selectatab	1 tab per 250ml	25 tablets
SV11	Staph/Strep Selectavial	1 vial per litre	10 vials
MS12	Streptococcus Selectatab	1 tab per 250ml	25 tablets
MS19	Yersinia Selectatab	1 tab per 250ml	25 tablets

Supplements not listed here may be available to Special Order in either SELECTATAB™ or SELECTAVIAL™ format subject to a minimum order of 15 packs. Lead time 4-6 weeks. Please refer to MAST Custom Manufacturing Policy on page 50 of this catalogue.

GENERAL MICROBIOLOGY PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
DETECTION OF BACTERIURIA		
BTR1	BACTERURITEST™ Strips (5 x 200 sterile strips/pack)	1 pack
DM110D	C.L.E.D. Medium	500g
DM110E	C.L.E.D. Medium (available to special order)	5Kg
DM111D	C.L.E.D. Medium with Andrade's Indicator	500g
DM111E	C.L.E.D. Medium with Andrade's Indicator (available to special order)	5Kg
IDM37/A	Beta-Glucuronidase Agar	10 x 200ml
PRESERVATION & STORAGE OF BACTERIA		
MAST CRYOBANK™ Bacterial Preservation and Storage System		
CRYO/R	64 vials of red beads	1 box
CRYO/B	64 vials of blue beads	1 box
CRYO/Y	64 vials of yellow beads	1 box
CRYO/G	64 vials of green beads	1 box
CRYO/M	64 vials of mixed beads (16 of each colour)	1 box
CRYO/Z	18 well CRYOBLOCK	1
OCCULT BLOOD TEST		
OCCU1	MAST OCCUTEST™ REAGENTS. For the detection of occult blood in faeces. An aid to the diagnosis of colorectal cancer. Contains positive control.	200 tests
OCCU2	MAST OCCUTEST™ Sample Cards. 50 cards.	50 x 6 samples
PHOSPHATE BUFFERED SALINE*		
3057	PBS for serology pH7.0	20 litres
3058	PBS for serology pH7.0	12 litres
* Delivery of this product can only be effected on a pallet. Minimum order level is one pallet, equivalent to 10 packs.		

IDENTIFICATION PRODUCTS


ORDER NO:	PRODUCT	PACKSIZE
IDENTIFICATION OF CAMPYLOBACTER SPP.		
CAMP-ID	MAST ID™ CAMP IDENTIFICATION SYSTEM A 3 test system for the presumptive identification of thermophilic <i>Campylobacter spp.</i>	10 tests
LMP721*	Loopamp Campylobacter detection kit (Research Use Only) A nucleic acid based detection system	48 tests
MAST RAPID SLIDE LATEX TESTS & ASSOCIATED PRODUCTS		
RST 101	MASTASTAPH™ Latex agglutination test for identification of <i>Staph.aureus</i> (see also Media & Supplements)	120 tests
RST 201	MASTASTREP™ - Enzyme Extraction. Latex agglutination test for grouping of streptococci. Identifies Lancefield groups A, B, C, D, F & G. (ref to Media & supplements)"	50 tests
RST 202	MASTASTREP™ Group A Latex	2.5ml
RST 203	MASTASTREP™ Group B Latex	2.5ml
RST 204	MASTASTREP™ Group C Latex	2.5ml
RST 205	MASTASTREP™ Group D Latex	2.5ml
RST 206	MASTASTREP™ Group F Latex	2.5ml
RST 207	MASTASTREP™ Group G Latex	2.5ml
RST 208	MASTASTREP™ Positive Control	2.5ml
RST 209	MASTASTREP™ Extraction Enzyme	10ml
RST 210	MASTASTREP™ Reaction Cards	50 cards
ETO6	MAST ID™ Aesculin Strips. For the performance of the aesculin hydrolysis test.	25 strips
ETO7	MAST ID™ PYR Strips. For the detection of pyrrolidonyl amino peptidase activity.	25 strips
RST501	MASTALEX-MRSA™ Rapid latex test for the detection of Methicillin Resistant <i>Staphylococcus aureus</i>	48 tests
RST601	MASTALEX-RA80™ Rheumatoid Factor latex test kit. Consists of latex, test cards and controls.	100 tests
RST602	MASTALEX-RA80™ Rheumatoid Factor latex reagents only.	500 tests
RST701	MAST Toxoreagent-Toxoplasma test Complete kit for detection of Toxoplasma antibody comprising latex suspension, buffer and positive control serum.	50 tests
RAPID DETECTION OF β-LACTAMASE PRODUCTION		
ETO/1	MAST ID™ Intralactam Strips	25 strips
ETO2	MAST ID™ Intralactam Circles	10 circles
MAST ID™ IDENTIFICATION STRIPS		
ETO4	MAST ID™ Oxidase Strips - for the performance of the oxidase reaction	25 strips
ETO6	MAST ID™ Aesculin Strips - for the detection of aesculin hydrolysis	25 strips
ETO7	MAST ID™ PYR Strips - for the detection of pyrrolidonyl amino peptidase activity	25 strips

* Eiken Loopamp products are available from Mast in the UK and via selected distributors in Ireland, Australasia, South Asia and the Middle East.
If in doubt please contact Mast Group Ltd to confirm availability.

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
IDENTIFICATION OF HAEMOPHILUS SPP.			
MID/XV	MAST ID™ XV Mirror ring. MASTRING™ containing X+V factor tips.		50 rings
DM184D	Peptone Agar		500g
DM184E	Peptone Agar		5Kg
IDENTIFICATION OF NON-SPORING ANAEROBES			
MID8	MASTRING™ for identification of Gram negative non-sporing anaerobes.		50 rings
IDENTIFICATION OF STAPHYLOCOCCUS SPP.			
MID/STAPH	MASTRING™ for the identification of coagulase negative staphylococci.		50 rings
SV78/3ML	Plasma Coagulase-EDTA		10 x 3ml
SV78/20ML	Plasma Coagulase-EDTA		6 x 20ml
MAST ID™ IDENTIFICATION DISCS IN VIALS			
		For presumptive Identification of:	Discs/Pack
D40	Bacitracin Discs (0.04i.u.)	Group A streptococci	100
D41	Bacitracin Discs (0.1i.u.)	Group A streptococci	100
D42	Optochin Discs	<i>Strep.pneumoniae</i>	100
D43	X Factor Discs	<i>Haemophilus</i> spp.	100
D44	V Factor Discs	<i>Haemophilus</i> spp.	100
D45	X+V Factor Discs	<i>Haemophilus</i> spp.	100
D46	Metronidazole Discs	<i>Gardnerella vaginalis</i>	100
D47	Sulphathiazole Discs	<i>Gardnerella vaginalis</i>	100
D48	Lysostaphin Discs	Staphylococci/micrococci	50
D49	ALA Discs	<i>Haemophilus</i> spp.	100
D55	SPS Discs	<i>P.anaerobius</i>	100
D57	Oxidase Discs	<i>Pseudomonas</i> spp.	100
D59	Nitrocefin Discs	β lactamase Detection	50
MAST ID™ IDENTIFICATION DISCS IN CARTRIDGES			
		For presumptive Identification of:	Discs/Pack
D40C	Bacitracin Discs (0.04i.u.)	Group A streptococci	5 x 50
D41C	Bacitracin Discs (0.1i.u.)	Group A streptococci	5 x 50
D42C	Optochin Discs	<i>Strep.pneumoniae</i>	5 x 50
D43C	X Factor Discs	<i>Haemophilus</i> spp.	5 x 50
D44C	V Factor Discs	<i>Haemophilus</i> spp.	5 x 50
D45C	X+V Factor Discs	<i>Haemophilus</i> spp.	5 x 50
D46C	Metronidazole Discs	<i>Gardnerella vaginalis</i>	5 x 50
D47C	Sulphathiazole Discs	<i>Gardnerella vaginalis</i>	5 x 50
D51C	Nitrate Discs	Nitrate Reductase in anaerobes	5 x 50
D55C	SPS Discs	<i>P. anaerobius</i>	5 x 50
D57C	Oxidase Discs	<i>Pseudomonas</i> spp.	5 x 50

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
ESβL DETECTION DISCS		
D52C	Extended Spectrum β Lactamase Set	ESβL'S 6 x 50
D62C	Cefotaxime 30 & Cefotaxime 30/Clavulanic Acid 10	ESβL'S 6 x 50
D63C	Cefepime 30 & Cefepime 30/Clavulanic Acid 10	ESβL'S 6 x 50
D64C	Ceftazidime 30 & Ceftazidime 30/Clavulanic Acid 10	ESβL'S 6 x 50
D66C	Cefpodoxime 10 & Cefpodoxime 10/Clavulanic Acid 1	ESβL'S 6 x 50
D67C	Extended Spectrum β Lactamase Set (CPD10)	ESβL'S 6 x 50
D68C	AmpC & ESβL Detection Set	ESβL'S 4 x 50
D69C	AmpC Detection Set	ESβL'S 3 x 50
TBA	Carbapenemase Detection Set	ESβL'S 4 x 50
		
IDENTIFICATION OF MRSA		
MRSA-IDR	MAST REDIPREP® - MRSA For the selective screening of MRSA in clinical samples (Ready to use)	48 Tests
RST501	MASTALEX-MRSA™ Rapid Latex Test for the detection of Methicillin resistant <i>Staphylococcus aureus</i>	48 Tests
STOX	Oxacillin Strips (50 per tin) (this product is a direct replacement for STMT methicillin strips)	1 tin
MS29	MRSA (Oxacillin) Selectatab™	25 x100ml tabs
OX1	Oxacillin Susceptibility Discs in Vials	100 discs/vial
OX1C	Oxacillin Susceptibility Discs in Cartridges	5 x 50 discs
FOX10	Cefoxitin Susceptibility Discs in Vials	100 discs/vial
FOX10C	Cefoxitin Susceptibility Discs in Cartridges	5 x 50 discs
TAB/OX0.2	Oxacillin 0.4 Adatab™	25 x100ml tabs
TAB/FOX0.4	Cefoxitin 0.4 Adatab™	25x100ml tabs
DM160D	Mannitol Salt Agar	500g
DM160E	Mannitol Salt Agar	5Kg
DM170D	Mueller Hinton Agar	500g
DM170E	Mueller Hinton Agar	5Kg
DM215D	D.S.T. Agar	500g
DM215E	D.S.T. Agar	5Kg
DM115D	Columbia Agar	500g
DM115E	Columbia Agar	5Kg

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
IDENTIFICATION OF CANDIDA SPP.		
IDM40/L	MAST ID™ CHROMagar® Candida For the detection and identification of <i>Candida albicans</i> , <i>Candida tropicalis</i> and other <i>Candida spp.</i>	10 x 100ml sachets
IDM40D	MAST ID™ CHROMagar® Candida For the detection and identification of <i>Candida albicans</i> , <i>Candida tropicalis</i> and other <i>Candida spp.</i> (Available to Special Order only. Lead time 4 weeks)	500g
IDENTIFICATION OF NOROVIRUS		
LMC301 *	Loopamp Norovirus GI detection kit (CE marked)	48 tests
LMC302 *	Loopamp Norovirus GII detection kit (CE marked)	48 tests

* Eiken Loopamp products are available from Mast in the UK and via selected distributors in Ireland, Australasia, South Asia and the Middle East.

If in doubt please contact Mast Group Ltd to confirm availability.

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - STOCK LIST All stock antisera are CE marked for IVD use</p>		
<p>E.COLI O ANTISERA - MONOVALENT</p>		
M12014	<i>Escherichia coli</i> Factor O26	2ml
M12016	<i>Escherichia coli</i> Factor O111	2ml
M12017	<i>Escherichia coli</i> Factor O119	2ml
M12018	<i>Escherichia coli</i> Factor O127a	2ml
M12030	<i>Escherichia coli</i> Factor O157	2ml
<p>E.COLI O ANTISERA - POLYVALENT</p>		
M14263	<i>E.coli</i> POLY 2 Factors O26, O55, O111, O119, O126	2ml
M14270	<i>E.coli</i> POLY 3 Factors O86, O114, O125, O127, O128	2ml
M14287	<i>E.coli</i> POLY 4 Factors O44, O112, O124, O142	2ml
<p>HAEMOPHILUS INFLUENZAE ANTISERA</p>		
M11303	<i>H.influenzae</i> Type b	2ml
<p>SALMONELLA O ANTISERA - MONOVALENT</p>		
M10310	Salmonella O Factor O2	2ml
M10311	Salmonella O Factor O4	2ml
M10312	Salmonella O Factor O7	2ml
M10313	Salmonella O Factor O8	2ml
M10314	Salmonella O Factor O9	2ml
M10316	Salmonella O Factor <u>O3,10</u>	2ml
M10320	Salmonella O Factor O13	2ml
M10321	Salmonella O Factor <u>O6,14</u>	2ml
M10326	Salmonella O Factor Vi	2ml
<p>SALMONELLA H ANTISERA - MONOVALENT</p>		
M10327	Salmonella H Factor a	2ml
M10328	Salmonella H Factor b	2ml
M10329	Salmonella H Factor c	2ml
M10330	Salmonella H Factor d	2ml
M10331	Salmonella H Factor e, h	2ml
M14335	Salmonella H Factor E	2ml
M10332	Salmonella H Factor G	2ml
M10333	Salmonella H Factor i	2ml
M10334	Salmonella H Factor k	2ml
M10336	Salmonella H Factor r	2ml
M10344	Salmonella H Factor 2	2ml
M10345	Salmonella H Factor 5	2ml
M10346	Salmonella H Factor 6	2ml
M10364	Salmonella H Factor f	2ml
M10365	Salmonella H Factor m	2ml
M10366	Salmonella H Factor p	2ml
M10367	Salmonella H Factor q	2ml
M10368	Salmonella H Factor s	2ml
M10369	Salmonella H Factor t	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - STOCK LIST All stock antisera are CE marked for IVD use</p>		
<p>SALMONELLA O ANTISERA - POLYVALENT</p>		
M10308	POLY O Factor O2, O4, O7, O8, O9, <u>O9, 46, O3, 10</u> and <u>O1,3,19</u>	2ml
M10309	POLY O1 Factor O11, O13, <u>O6, 14,</u> O16, O18, O21 and O35	2ml
M14294	POLY O A-G	2ml
M14300	POLY O A-S	2ml
M92537	Omnivalent (Kauffmann-White group A-067)	2ml
<p>SALMONELLA H ANTISERA - POLYVALENT</p>		
M14317	POLYVALENT PHASE 1&2 (a-z29)	2ml
M10339	POLYVALENT PHASE 2 (H-1)	2ml
M14324	RAPID DIAGNOSTIC 1 Factors b, d, E, r	2ml
M14331	RAPID DIAGNOSTIC 2 Factors b, E, k, l	2ml
M14348	RAPID DIAGNOSTIC 3 Factors d, E, G, k	2ml
<p>SHIGELLA ANTISERA - MONOVALENT</p>		
M10116	<i>Shigella dysenteriae</i> Type 1	2ml
M10126	<i>Shigella flexneri</i> Type I	2ml
M10127	<i>Shigella flexneri</i> Type II	2ml
M10130	<i>Shigella flexneri</i> Type V	2ml
M10131	<i>Shigella flexneri</i> Type Vi	2ml
M10132	<i>Shigella flexneri</i> Group (3)4	2ml
M10136	<i>Shigella boydii</i> Type 2	2ml
M10150	<i>Shigella sonnei</i> Phase I	2ml
M10151	<i>Shigella sonnei</i> Phase II	2ml
<p>SHIGELLA ANTISERA - POLYVALENT</p>		
M10109	<i>S.dysenteriae</i> POLY A Types 1, 2, 3, 4, 5, 6, 7	2ml
M10110	<i>S.dysenteriae</i> POLY A1 Types 8, 9, 10, 11, 12	2ml
M10111	<i>S.flexneri</i> POLY B Types I, II, III, IV, V, VI, (Groups (3)4, 6 & 7 (8)	2ml
M10112	<i>S.boydii</i> POLY C Types 1, 2, 3, 4, 5, 6, 7	2ml
M10113	<i>S.boydii</i> POLY C1 Types 8, 9, 10, 11	2ml
M10114	<i>S.boydii</i> POLY C2 Types 12, 13, 14, 15	2ml
M10154	<i>S.boydii</i> POLY C3 Types 16, 17, 18	2ml
M10115	<i>S.sonnei</i> POLY D Phase I & II	2ml
<p>VIBRIO ANTISERA</p>		
M11002	<i>Vibrio cholerae</i> POLY (INABA, OGAWA)	2ml
M11003	<i>Vibrio cholerae</i> INABA	2ml
M11004	<i>Vibrio cholerae</i> OGAWA	2ml
M15001	<i>Vibrio cholerae</i> O139 (Bengal)	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST <i>Lead time 8 weeks</i></p> <p>ALKALESCENS-DISPAR ANTISERA</p>		
M10901	<p>Alkalescens-Dispar Antisera Set This set consists of 1 Polyvalent and 4 Monovalent OK sera. Polyvalent OK: O1:K1, O2:K1, O3:K2 and O4:K3 Monovalent: O1:K1, O2:K1, O3:K2 and O4:K3</p> <p>Alkalescens-Dispar Antisera type listed below</p>	2ml x 5
M10902	Polyvalent OK: O1:K1, O2:K1, O3:K2 and O4:K3	2ml
M10903	Alkalescens-Dispar O1:K1	2ml
M10904	Alkalescens-Dispar O2:K1	2ml
M10905	Alkalescens-Dispar O3:K2	2ml
M10906	Alkalescens-Dispar O4:K3	2ml
<p>BORDETELLA ANTISERA</p>		
M11501	<p>Bordetella pertussis Antiserum This antiserum agglutinates Phase I <i>B.pertussis</i> but does not agglutinate Phase III <i>B.pertussis</i>, <i>B.parapertussis</i>, nor <i>B.bronchiseptica</i>.</p>	2ml
M30401	<p>Bordetella pertussis Antigen for Agglutination Tests Phase I (Tohama strain, Yamaguchi strain)</p>	No CE Mark 10ml
M30404	Bordella Pertussis Phase 1 (Tohama)	No CE Mark 10ml
M30405	Bordella Pertussis Phase 1 (Yamaguchi)	No CE Mark 10ml
<p>CAMPYLOBACTER ANTISERA</p>		
M13001	<p>Campylobacter Antisera Set Reagents for the serotyping of Campylobacter by a passive haemagglutination (PHA) method. This set consists of: 2ml each of antisera (groups A, B, C, D, E, F, G, I, J, K, L, N, O, P, R, S, U, V, Y, Z, Z2, Z4, Z5, Z6 and Z7) 2ml x 1 vial of reference antiserum for red blood cells.</p> <p>Campylobacter Antisera</p>	26 x 2ml
M13002	Campylobacter group A antiserum	2ml
M13003	Campylobacter group B antiserum	2ml
M13004	Campylobacter group C antiserum	2ml
M13005	Campylobacter group D antiserum	2ml
M13006	Campylobacter group E antiserum	2ml
M13007	Campylobacter group F antiserum	2ml
M13008	Campylobacter group G antiserum	2ml
M13009	Campylobacter group I antiserum	2ml
M13010	Campylobacter group J antiserum	2ml
M13011	Campylobacter group K antiserum	2ml
M13012	Campylobacter group L antiserum	2ml
M13013	Campylobacter group N antiserum	2ml
M13014	Campylobacter group O antiserum	2ml
M13015	Campylobacter group P antiserum	2ml
M13016	Campylobacter group R antiserum	2ml
M13017	Campylobacter group S antiserum	2ml
M13018	Campylobacter group U antiserum	2ml
M13019	Campylobacter group V antiserum	2ml
M13020	Campylobacter group Y antiserum	2ml
M13021	Campylobacter group Z antiserum	2ml
M13022	Campylobacter group Z2 antiserum	2ml
M13023	Campylobacter group Z4 antiserum	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST <i>Lead time 8 weeks</i></p> <p>CAMPYLOBACTER ANTISERA (continued)</p>			
M13024	Campylobacter group Z5 antiserum		2ml
M13025	Campylobacter group Z6 antiserum		2ml
M13026	Campylobacter group Z7 antiserum		2ml
M13027	Reference antiserum		2ml
M42201	<p>Reagent for preparing Sensitized Blood Cells Fixed Chick RBCs Extraction Reagent-1 Extraction Reagent-2 Extraction Reagent-3 Buffer solution</p>		5 tests 25ml x 1 vial 13ml x 1 vial 13ml x 1 vial 13ml x 1 vial 50ml x 2 vials
<p>CLOSTRIDIUM PERFRINGENS TYPE A ANTISERA (HEAT RESISTANT C.WELCHII: HOBBS 1952)</p>			
M10601	<p><i>Clostridium perfringens</i> type A Antisera Set This set consists of 4 Polyvalent and 17 Monovalent antisera. Polyvalent Polyvalent I: Type 1, 2, 3, 4 and 5 Polyvalent II: Type 6, 7, 8 and 9 Polyvalent III: Type 10, 11, 1,2 and 13 Polyvalent IV: Type 14, 15, 16 and 17 Monovalent Type 1~17</p>	No CE Mark	2ml x 21
<p><i>Clostridium perfringens</i> type listed below</p>			
M10604	Polyvalent I: 1, 2, 3, 4 and 5	No CE Mark	2ml
M10605	Polyvalent II: 6, 7, 8 and 9	No CE Mark	2ml
M10606	Polyvalent III: 10, 11, 12 and 13	No CE Mark	2ml
M10607	Polyvalent IV: 14, 15, 16 and 17	No CE Mark	2ml
M10608	<i>C. perfringens</i> type 1	No CE Mark	2ml
M10609	<i>C. perfringens</i> type 2	No CE Mark	2ml
M10610	<i>C. perfringens</i> type 3	No CE Mark	2ml
M10611	<i>C. perfringens</i> type 4	No CE Mark	2ml
M10612	<i>C. perfringens</i> type 5	No CE Mark	2ml
M10613	<i>C. perfringens</i> type 6	No CE Mark	2ml
M10614	<i>C. perfringens</i> type 7	No CE Mark	2ml
M10615	<i>C. perfringens</i> type 8	No CE Mark	2ml
M10616	<i>C. perfringens</i> type 9	No CE Mark	2ml
M10617	<i>C. perfringens</i> type 10	No CE Mark	2ml
M10618	<i>C. perfringens</i> type 11	No CE Mark	2ml
M10619	<i>C. perfringens</i> type 12	No CE Mark	2ml
M10620	<i>C. perfringens</i> type 13	No CE Mark	2ml
M10621	<i>C. perfringens</i> type 14	No CE Mark	2ml
M10622	<i>C. perfringens</i> type 15	No CE Mark	2ml
M10623	<i>C. perfringens</i> type 16	No CE Mark	2ml
M10624	<i>C. perfringens</i> type 17	No CE Mark	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST <i>Lead time 8 weeks</i></p> <p>E.COLI ANTISERA</p>		
M12001	<p>Escherichia coli Antisera Set 1 This set consists of 8 Polyvalents and 43 O (OK) sera. Polyvalent Serum Polyvalent 1: O1, O26, O86a, O111, O119, O127a and O128 Polyvalent 2: O44, O55, O125, O126, O146 & O166 Polyvalent 3: O18, O114, O142, O151, O157 & O158 Polyvalent 4: O6, O27, O78, O148, O159 and O168 Polyvalent 5: O20, O25, O63, O153 and O167 Polyvalent 6: O8, O15, O115 and O169 Polyvalent 7: O28ac, O112ac, O124, O136 and O144 Polyvalent 8: O29, O143, O152, and O164 Monovalent Sera All individual types constituting above polyvalent sera.</p>	2ml x 51
M12002	<p>Escherichia coli Antisera Set 2 This set consists of 22 H-sera. H-sera: 2, 4, 5, 6, 7, 9, 10, 11, 12, 16, 18, 19, 20, 21, 27, 28, 34, 40, 42, 41, 45 and 51</p>	5ml x 22
<p>E.COLI O ANTISERA POLYVALENT</p>		
M12005	<i>E.coli</i> POLY D1 (O1, O26, O86a, O111, O119, O127a, O128)	2ml
M12006	<i>E.coli</i> POLY D2 (O44, O55, O125, O126, O146, O166)	2ml
M12007	<i>E.coli</i> POLY D3 (O18, O114, O142, O151, O157, O158)	2ml
M12008	<i>E.coli</i> POLY D4 (O6, O27, O78, O148, O159, O168)	2ml
M12009	<i>E.coli</i> POLY D5 (O20, O25, O63, O153, O167)	2ml
M12010	<i>E.coli</i> POLY D6 (O8, O15, O115, O169)	2ml
M12011	<i>E.coli</i> POLY D7 (O28ac, O112ac, O124, O136, O144)	2ml
M12012	<i>E.coli</i> POLY D8 (O29, O143, O152, O164)	2ml
<p>E.COLI O ANTISERA MONOVALENT</p>		
M12013	<i>E.coli</i> O1	2ml
M12015	<i>E.coli</i> O86a	2ml
M12019	<i>E.coli</i> O128	2ml
M12020	<i>E.coli</i> O44	2ml
M12021	<i>E.coli</i> O55	2ml
M12022	<i>E.coli</i> O125	2ml
M12023	<i>E.coli</i> O126	2ml
M12024	<i>E.coli</i> O146	2ml
M12025	<i>E.coli</i> O166	2ml
M12026	<i>E.coli</i> O18	2ml
M12027	<i>E.coli</i> O114	2ml
M12028	<i>E.coli</i> O142	2ml
M12029	<i>E.coli</i> O151	2ml
M12031	<i>E.coli</i> O158	2ml
M12032	<i>E.coli</i> O6	2ml
M12033	<i>E.coli</i> O27	2ml
M12034	<i>E.coli</i> O78	2ml
M12035	<i>E.coli</i> O148	2ml
M12036	<i>E.coli</i> O159	2ml
M12037	<i>E.coli</i> O168	2ml
M12038	<i>E.coli</i> O20	2ml
M12039	<i>E.coli</i> O25	2ml
M12040	<i>E.coli</i> O63	2ml
M12041	<i>E.coli</i> O153	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST <i>Lead time 8 weeks</i></p>			
<p>E.COLI O ANTISERA MONOVALENT (continued)</p>			
M12042	<i>E.coli</i> O167		2ml
M12043	<i>E.coli</i> O8		2ml
M12044	<i>E.coli</i> O15		2ml
M12045	<i>E.coli</i> O115		2ml
M12046	<i>E.coli</i> O169		2ml
M12047	<i>E.coli</i> O28ac		2ml
M12048	<i>E.coli</i> O112ac		2ml
M12049	<i>E.coli</i> O124		2ml
M12050	<i>E.coli</i> O136		2ml
M12051	<i>E.coli</i> O144		2ml
M12052	<i>E.coli</i> O29		2ml
M12053	<i>E.coli</i> O143		2ml
M12054	<i>E.coli</i> O152		2ml
M12055	<i>E.coli</i> O164		2ml
<p>E.COLI H ANTISERA MONOVALENT</p>			
M12056	<i>E.coli</i> H-2		5ml
M12057	<i>E.coli</i> H-4		5ml
M12058	<i>E.coli</i> H-5		5ml
M12059	<i>E.coli</i> H-6		5ml
M12060	<i>E.coli</i> H-7		5ml
M12061	<i>E.coli</i> H-9		5ml
M12062	<i>E.coli</i> H-10		5ml
M12063	<i>E.coli</i> H-11		5ml
M12064	<i>E.coli</i> H-12		5ml
M12065	<i>E.coli</i> H-16		5ml
M12066	<i>E.coli</i> H-18		5ml
M12067	<i>E.coli</i> H-19		5ml
M12068	<i>E.coli</i> H-20		5ml
M12069	<i>E.coli</i> H-21		5ml
M12070	<i>E.coli</i> H-27		5ml
M12071	<i>E.coli</i> H-28		5ml
M12072	<i>E.coli</i> H-34		5ml
M12073	<i>E.coli</i> H-40		5ml
M12074	<i>E.coli</i> H-41		5ml
M12075	<i>E.coli</i> H-42		5ml
M12076	<i>E.coli</i> H-45		5ml
M12077	<i>E.coli</i> H-51		5ml
<p>TOXIGENIC E.COLI PILI ANTISERA</p>			
M11601	Toxigenic <i>Escherichia coli</i> Pili Antisera Set This set consists of the following K88, K99 and 987P	No CE Mark	5ml x 3
M11602	<i>E.coli</i> K88	No CE Mark	5ml
M11603	<i>E.coli</i> K99	No CE Mark	5ml
M11604	<i>E.coli</i> 987P	No CE Mark	5ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST Lead time 8 weeks</p>		
<p>HAEMOPHILUS INFLUENZAE ANTISERA</p>		
M11301	<p><i>Haemophilus influenzae</i> Antisera Set This set consists of: Type a, b, c, d, e and f <i>Haemophilus influenzae</i> type listed below</p>	2ml x 6
M11302	<i>H.influenzae</i> Type a	2ml
M11304	<i>H.influenzae</i> Type c	2ml
M11305	<i>H.influenzae</i> Type d	2ml
M11306	<i>H.influenzae</i> Type e	2ml
M11307	<i>H.influenzae</i> Type f	2ml
No CE Mark		
<p>LEGIONELLA ANTISERA</p>		
M11701	<p>Legionella O-Grouping Antisera Set This set consists of: <i>L.pneumophila</i> 1~6, <i>L.bozemanii</i>, <i>L.dumoffi</i>, <i>L.gormanii</i> and <i>L.micdadei</i> Legionella O-Group listed below</p>	2ml x 10
M11702	<i>L.pneumophila</i> Group 1	2ml
M11703	<i>L.pneumophila</i> Group 2	2ml
M11704	<i>L.pneumophila</i> Group 3	2ml
M11705	<i>L.pneumophila</i> Group 4	2ml
M11706	<i>L.pneumophila</i> Group 5	2ml
M11707	<i>L.pneumophila</i> Group 6	2ml
M11708	<i>L.bozemanii</i>	2ml
M11709	<i>L.dumoffi</i>	2ml
M11710	<i>L.gormanii</i>	2ml
M11711	<i>L.micdadei</i>	2ml
<p>LISTERIA ANTISERA</p>		
M14362	<p><i>Listeria monocytogenes</i> Antisera Set This set consists of 8 O antisera and 4 H antisera. O antisera: O I/II, O I, O IV, O V/VI, O VI, O VII, O VIII and O IX H antisera: H-A, H-AB, H-C and H-D</p>	2ml x 8 vials 5ml x 4 vials
M14379	<i>Listeria monocytogenes</i> O I/II antiserum	2ml
M14386	<i>Listeria monocytogenes</i> O I antiserum	2ml
M14393	<i>Listeria monocytogenes</i> O IV antiserum	2ml
M14409	<i>Listeria monocytogenes</i> O V/VI antiserum	2ml
M14416	<i>Listeria monocytogenes</i> O VI antiserum	2ml
M14423	<i>Listeria monocytogenes</i> O VII antiserum	2ml
M14430	<i>Listeria monocytogenes</i> O VIII antiserum	2ml
M14447	<i>Listeria monocytogenes</i> O IX antiserum	2ml
M14454	<i>Listeria monocytogenes</i> H-A antiserum	5ml
M14461	<i>Listeria monocytogenes</i> H-AB antiserum	5ml
M14478	<i>Listeria monocytogenes</i> H-C antiserum	5ml
M14485	<i>Listeria monocytogenes</i> H-D antiserum	5ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST <i>Lead time 8 weeks</i></p>		
<p>SALMONELLA H ANTISERA - MONOVALENT</p>		
M10335	Salmonella H Factor L	2ml
M10337	Salmonella H Factor y	2ml
M10338	Salmonella H Factor e,n	2ml
M10340	Salmonella H Factor v	2ml
M10341	Salmonella H Factor w	2ml
M10342	Salmonella H Factor Z ₁₃	2ml
M10343	Salmonella H Factor Z ₂₈	2ml
M10347	Salmonella H Factor 7	2ml
M10348	Salmonella H Factor Z ₆	2ml
M10370	Salmonella H Factor u	2ml
M10372	Salmonella H Factor Z ₂₃	2ml
M10373	Salmonella H Factor Z ₂₄	2ml
M10377	Salmonella H Factor Z ₁₅	2ml
M10374	Salmonella H Factor Z ₃₂	2ml
M10376	Salmonella H Factor x	2ml
M10378	Salmonella H Factor z	2ml
M10379	Salmonella H Factor Z ₄	2ml
M10380	Salmonella H Factor Z ₁₀	2ml
M10381	Salmonella H Factor Z ₂₉	2ml
M91882	Salmonella H Factor g,p	5ml
<p>SALMONELLA H-SERA FOR PHASE INDUCTION</p>		
M10391	Salmonella H-sera for phase induction This set consists of 17 H-sera. a, b, c, d, e,h, G, i, k, L, r, y, e,n, l, z, Z ₄ , Z ₁₀ and Z ₂₉	No CE Mark 5ml x 17
M10349	Salmonella H-a	No CE Mark 5ml
M10350	Salmonella H-b	No CE Mark 5ml
M10351	Salmonella H-c	No CE Mark 5ml
M10352	Salmonella H-d	No CE Mark 5ml
M10353	Salmonella H-e,h	No CE Mark 5ml
M10354	Salmonella H-G	No CE Mark 5ml
M10355	Salmonella H-i	No CE Mark 5ml
M10356	Salmonella H-k	No CE Mark 5ml
M10357	Salmonella H-L	No CE Mark 5ml
M10358	Salmonella H-r	No CE Mark 5ml
M10359	Salmonella H-y	No CE Mark 5ml
M10360	Salmonella H-e,n	No CE Mark 5ml
M10361	Salmonella H-1	No CE Mark 5ml
M10382	Salmonella H-z	No CE Mark 5ml
M10383	Salmonella H-Z ₄	No CE Mark 5ml
M10384	Salmonella H-Z ₁₀	No CE Mark 5ml
M10385	Salmonella H-Z ₂₉	No CE Mark 5ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST		
<i>Lead time 8 weeks</i>		
SALMONELLA ANTISERA SETS		
M10303	Salmonella Antisera Set 1 This set consists of 17 O-grouping and Vi sera Polyvalent O: O2, O4, O7, O8, O9, <u>O9, 46</u> , O3,10 & <u>O1, 3, 19</u> Polyvalent O1: O11, O13, <u>O6, O14</u> , O16, O18, O21 and O35 Monovalent: O2, O4, O7, O8, O9, <u>O9, 46, O3, 10, O1, 3, 19</u> , O11, O13, <u>O6, 14</u> , O16, O18, 21 and O35, Vi serum	2ml x 18
M10304	Salmonella Antisera Set 2 This set consists of 17 H antisera. a, b, c, d, <u>e, h</u> , G, i, k, L, r, y, e,n, l, Z, Z4, Z10 and Z29	5ml x 17
M10386	Salmonella Antisera Set 3 This set consists of four H-L Monovalent sera:- v, w, Z ₁₃ and Z ₂₈	5ml x 4
M10387	Salmonella Antisera Set 4 This set consists of five H-1 Monovalent sera 2, 5, 6, 7 and z ₆	5ml x 5
M10388	Salmonella Antisera Set 5 This set consists of seven H-G Monovalent sera:- f, m, p, q, s, t and u	5ml x 7
M10389	Salmonella Antisera Set 6 This set consists of three H-z ₄ and two H-e,n. Monovalent sera. Z ₂₃ , Z ₂₄ , Z ₃₂ , x and Z ₁₅	5ml x 5
M10390	Salmonella Antisera Set 7 This set consists of the following. O-grouping sera: O2 and O9 H-sera: a and d Vi serum	2ml x 2 5ml x 2 2ml x 1
SHIGELLA ANTISERA - MONOVALENT		
M10117	<i>Shigella dysenteriae</i> Type 2	2ml
M10118	<i>Shigella dysenteriae</i> Type 3	2ml
M10119	<i>Shigella dysenteriae</i> Type 4	2ml
M10120	<i>Shigella dysenteriae</i> Type 5	2ml
M10121	<i>Shigella dysenteriae</i> Type 6	2ml
M10122	<i>Shigella dysenteriae</i> Type 7	2ml
M10123	<i>Shigella dysenteriae</i> Type 8	2ml
M10124	<i>Shigella dysenteriae</i> Type 9	2ml
M10125	<i>Shigella dysenteriae</i> Type 10	2ml
M10152	<i>Shigella dysenteriae</i> Type 11	2ml
M10153	<i>Shigella dysenteriae</i> Type 12	2ml
M10128	<i>Shigella flexneri</i> Type III	2ml
M10129	<i>Shigella flexneri</i> Type IV	2ml
M10133	<i>Shigella flexneri</i> Group 6	2ml
M10134	<i>Shigella flexneri</i> Group 7 (8)	2ml
M10135	<i>Shigella boydii</i> Type 1	2ml
M10137	<i>Shigella boydii</i> Type 3	2ml
M10138	<i>Shigella boydii</i> Type 4	2ml
M10139	<i>Shigella boydii</i> Type 5	2ml
M10140	<i>Shigella boydii</i> Type 6	2ml
M10141	<i>Shigella boydii</i> Type 7	2ml
M10142	<i>Shigella boydii</i> Type 8	2ml
M10143	<i>Shigella boydii</i> Type 9	2ml
M10144	<i>Shigella boydii</i> Type 10	2ml
M10145	<i>Shigella boydii</i> Type 11	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST Lead time 8 weeks</p>		
<p>SHIGELLA ANTISERA - MONOVALENT (continued)</p>		
M10146	<i>Shigella boydii</i> Type 12	2ml
M10147	<i>Shigella boydii</i> Type 13	2ml
M10148	<i>Shigella boydii</i> Type 14	2ml
M10149	<i>Shigella boydii</i> Type 15	2ml
M10155	<i>Shigella boydii</i> Type 16	2ml
M10156	<i>Shigella boydii</i> Type 17	2ml
M10157	<i>Shigella boydii</i> Type 18	2ml
<p>SHIGELLA ANTISERA SETS</p>		
M10104	<p>Shigella Antisera Set 1 This set consists of 8 Polyvalent and 41 Monovalents. Polyvalent serum Polyvalent A: <i>S. dysenteriae</i> Type 1, 2, 3, 4, 5, 6 & 7 Polyvalent A1: <i>S. dysenteriae</i> Type 8, 9, 10, 11 & 12 Polyvalent B; <i>S. flexneri</i> Type I, II, III, IV, V, VI & Group (3) 4, 6 and 7 (8) Polyvalent C: <i>S. boydii</i> Type 1, 2, 3, 4, 5, 6 and 7 Polyvalent C1: <i>S. boydii</i> Type 8, 9, 10 and 11 Polyvalent C2: <i>S. boydii</i> Type 12, 13, 14 and 15 Polyvalent C3: <i>S. boydii</i> Type 16, 17 and 18 Polyvalent D: <i>S. sonnei</i> Phase I and Phase II Monovalent serum All individual types and groups constituting above polyvalent sera.</p>	2ml x 49
M10105	<p>Shigella Antisera Set 2 This set consists of 8 Polyvalents and 11 Monovalents. Polyvalent serum Polyvalent A: <i>S. dysenteriae</i> Type 1, 2, 3, 4, 5, 6 & 7 Polyvalent A1: <i>S. dysenteriae</i> Type 8, 9, 10, 11 & 12 Polyvalent B; <i>S. flexneri</i> Type I, II, III, IV, V, VI and Group (3) 4, 6 and 7 (8) Polyvalent C: <i>S. boydii</i> Type 1, 2, 3, 4, 5, 6 and 7 Polyvalent C1: <i>S. boydii</i> Type 8, 9, 10 and 11 Polyvalent C2: <i>S. boydii</i> Type 12, 13, 14 and 15 Polyvalent C3: <i>S. boydii</i> Type 16, 17 and 18 Polyvalent D: <i>S. sonnei</i> Phase I and Phase II Monovalent serum <i>S. flexneri</i>: type I, II, III, IV, V, VI and Group: (3) 4, 6 and 7 (8). <i>S. sonnei</i>: Phase I and Phase II.</p>	2ml x 19
M10106	<p>Shigella Antisera Set 3 Polyvalent A: <i>S. dysenteriae</i> Type 1, 2,3, 4, 5, 6, & 7 Polyvalent A1: <i>S. dysenteriae</i> Type 8, 9, 10, 11 & 12 Polyvalent B; <i>S. flexneri</i> Type I, II, III, IV, V, VI and Group (3) 4, 6 and 7 (8) Polyvalent C: <i>S. boydii</i> Type 1, 2, 3, 4, 5, 6 and 7 Polyvalent C1: <i>S. boydii</i> Type 8, 9, 10 and 11 Polyvalent C2: <i>S. boydii</i> Type 12, 13, 14 and 15 Polyvalent C3: <i>S. boydii</i> Type 16, 17 and 18 Polyvalent D: <i>S. sonnei</i> Phase I and Phase II</p>	2ml x 8

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE	
<p>MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST</p>			
<p><i>Lead time 8 weeks</i></p>			
<p>STAPHYLOCOCCUS ANTISERA</p>			
M10801	<p>Staphylococcal Coagulase Typing Sera Set This set consists of 8 typing sera. Types: I, II, III, IV, V, VI, VII, and VIII</p>	5ml x 8	
<p>Staphylococcal coagulase type listed below</p>			
M10802	Staphylococcal coagulase type I	5ml	
M10803	Staphylococcal coagulase type II	5ml	
M10804	Staphylococcal coagulase type III	5ml	
M10805	Staphylococcal coagulase type IV	5ml	
M10806	Staphylococcal coagulase type V	5ml	
M10807	Staphylococcal coagulase type VI	5ml	
M10808	Staphylococcal coagulase type VII	5ml	
M10809	Staphylococcal coagulase type VIII	5ml	
<p>HAEMOLYTIC STREPTOCOCCUS GROUP A T-TYPING ANTISERA</p>			
M10505	<p>Haemolytic Streptococcus Group A T-Typing Sera Set This set consists of 5 Polyvalent and 19 Monovalent sera. Polyvalent antisera Polyvalent T: 1, 3, 13 and B3264 Polyvalent U: 2, 4, 6 and 28 Polyvalent W: 5/27/44, 11 and 12 Polyvalent X: 8, 14/49, 25 and Imp. 19 Polyvalent Y: 9, 18, 22 and 23 Monovalent antisera All individual types constituting the above Polyvalents.</p>	No CE Mark	2ml x 24
<p>Haemolytic Streptococcus Group A T-Typing</p>			
<p>Sera type listed below</p>			
M10510	Polyvalent T: contains types 1, 3, 13 and B3264	No CE Mark	2ml
M10511	Polyvalent U: contains types 2, 4, 6 and 28	No CE Mark	2ml
M10512	Polyvalent W: contains types 5/27/44, 11 and 12	No CE Mark	2ml
M10513	Polyvalent X: contains types 8, 14/49, 25 and Imp. 19	No CE Mark	2ml
M10514	Polyvalent Y: contains types 9, 18, 22 and 23	No CE Mark	2ml
M10515	Group A Streptococcus T-1	No CE Mark	2ml
M10516	Group A Streptococcus T-2	No CE Mark	2ml
M10517	Group A Streptococcus T-3	No CE Mark	2ml
M10518	Group A Streptococcus T-4	No CE Mark	2ml
M10519	Group A Streptococcus T-5/27/44	No CE Mark	2ml
M10520	Group A Streptococcus T-6	No CE Mark	2ml
M10521	Group A Streptococcus T-8	No CE Mark	2ml
M10522	Group A Streptococcus T-9	No CE Mark	2ml
M10523	Group A Streptococcus T-11	No CE Mark	2ml
M10524	Group A Streptococcus T-12	No CE Mark	2ml
M10525	Group A Streptococcus T-13	No CE Mark	2ml
M10526	Group A Streptococcus T-14/49	No CE Mark	2ml
M10527	Group A Streptococcus T-18	No CE Mark	2ml
M10528	Group A Streptococcus T-22	No CE Mark	2ml
M10529	Group A Streptococcus T-23	No CE Mark	2ml
M10530	Group A Streptococcus T-25	No CE Mark	2ml
M10531	Group A Streptococcus T-28	No CE Mark	2ml
M10532	Group A Streptococcus T-B3264	No CE Mark	2ml
M10533	Group A Streptococcus T-Imp. 19	No CE Mark	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST		
<i>Lead time 8 weeks</i>		
HAEMOLYTIC STREPTOCOCCUS GROUP B TYPING ANTISERA		
M10570	Haemolytic Streptococcus Group B Typing Sera Set This set consists of Antisera types: Ia, Ib, II, III, IV and V Haemolytic Streptococcus Group B Typing Sera type listed below	2ml x 6
M10540	Group B Streptococcus Ia	2ml
M10541	Group B Streptococcus Ib	2ml
M10542	Group B Streptococcus II	2ml
M10543	Group B Streptococcus III	2ml
M10544	Group B Streptococcus IV	2ml
M10545	Group B Streptococcus V	2ml
M93350	Group B Streptococcus VI	2ml
M93374	Group B Streptococcus VII	2ml
M93367	Group B Streptococcus VIII	2ml
M20209	Auxiliary reagents for Haemolytic Streptococcus typing Swine pancreas extract pH correction solution Phenol Red solution	5ml x 4 5ml x 2 5ml x 1
STREPTOCOCCUS PNEUMONIAE ANTISERA		
M00747	Streptococcus pneumoniae Antisera typing set This kit consists of 8 polyvalent and 39 monovalent antisera Streptococcus pneumoniae POLYVALENT typing Antisera	2ml x 47
M15253	<i>Streptococcus pneumoniae</i> Polyvalent	1 antiserum
M15260	<i>Streptococcus pneumoniae</i> Polyvalent	2 antiserum
M15277	<i>Streptococcus pneumoniae</i> Polyvalent	3 antiserum
M15284	<i>Streptococcus pneumoniae</i> Polyvalent	4 antiserum
M15291	<i>Streptococcus pneumoniae</i> Polyvalent	5 antiserum
M15307	<i>Streptococcus pneumoniae</i> Polyvalent	6 antiserum
M15314	<i>Streptococcus pneumoniae</i> Polyvalent	7 antiserum
M15321	<i>Streptococcus pneumoniae</i> Polyvalent	8 antiserum
M15338	<i>Streptococcus pneumoniae</i>	type 1 antiserum
M15345	<i>Streptococcus pneumoniae</i>	type 2 antiserum
M15352	<i>Streptococcus pneumoniae</i>	type 3 antiserum
M15369	<i>Streptococcus pneumoniae</i>	type 4 antiserum
M15376	<i>Streptococcus pneumoniae</i>	type 5 antiserum
M15383	<i>Streptococcus pneumoniae</i>	type 6 antiserum
M15390	<i>Streptococcus pneumoniae</i>	type 7 antiserum
M15406	<i>Streptococcus pneumoniae</i>	type 8 antiserum
M15413	<i>Streptococcus pneumoniae</i>	type 9 antiserum
M15420	<i>Streptococcus pneumoniae</i>	type 10 antiserum
M15437	<i>Streptococcus pneumoniae</i>	type 11 antiserum
M15444	<i>Streptococcus pneumoniae</i>	type 12 antiserum
M15451	<i>Streptococcus pneumoniae</i>	type 14 antiserum
M15468	<i>Streptococcus pneumoniae</i>	type 15 antiserum
M15475	<i>Streptococcus pneumoniae</i>	type 16 antiserum
M15482	<i>Streptococcus pneumoniae</i>	type 17 antiserum
M15499	<i>Streptococcus pneumoniae</i>	type 18 antiserum
M15505	<i>Streptococcus pneumoniae</i>	type 19 antiserum
M15512	<i>Streptococcus pneumoniae</i>	type 20 antiserum
M15529	<i>Streptococcus pneumoniae</i>	type 21 antiserum
M15536	<i>Streptococcus pneumoniae</i>	type 22 antiserum
M15543	<i>Streptococcus pneumoniae</i>	type 23 antiserum
M15550	<i>Streptococcus pneumoniae</i>	type 24 antiserum
M15567	<i>Streptococcus pneumoniae</i>	type 25 antiserum
M15574	<i>Streptococcus pneumoniae</i>	type 26 antiserum
M15581	<i>Streptococcus pneumoniae</i>	type 28 antiserum

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST			
<i>Lead time 8 weeks</i>			
STREPTOCOCCUS PNEUMONIAE ANTISERA (continued)			
M15598	<i>Streptococcus pneumoniae</i>	type 29 antiserum	2ml
M15604	<i>Streptococcus pneumoniae</i>	type 31 antiserum	2ml
M15611	<i>Streptococcus pneumoniae</i>	type 32 antiserum	2ml
M15628	<i>Streptococcus pneumoniae</i>	type 33 antiserum	2ml
M15635	<i>Streptococcus pneumoniae</i>	type 34 antiserum	2ml
M15642	<i>Streptococcus pneumoniae</i>	type 35 antiserum	2ml
M15659	<i>Streptococcus pneumoniae</i>	type 36 antiserum	2ml
M15666	<i>Streptococcus pneumoniae</i>	type 38 antiserum	2ml
M15673	<i>Streptococcus pneumoniae</i>	type 39 antiserum	2ml
M15680	<i>Streptococcus pneumoniae</i>	type 40 antiserum	2ml
M15697	<i>Streptococcus pneumoniae</i>	type 41 antiserum	2ml
M15703	<i>Streptococcus pneumoniae</i>	type 46 antiserum	2ml
M15710	<i>Streptococcus pneumoniae</i>	type 47 antiserum	2ml
VIBRIO PARAHAEMOLYTICUS ANTISERA			
M10495	<i>Vibrio parahaemolyticus</i> K-typing Antisera Set This set consists of 9 Polyvalent and 65 Monovalent K-Antisera. Polyvalent Antisera Polyvalent KI: 1, 3, 4, 5, 6, 7 and 8 Polyvalent KII: 9, 10, 11, 12, 13, 15 and 17 Polyvalent KIII: 18, 19, 20, 21, 22, 23 and 24 Polyvalent KIV: 25, 26, 28, 29, 30, 31 and 32 Polyvalent KV: 33, 34, 36, 37, 38, 39 and 40 Polyvalent KVI: 41, 42, 43, 44, 45, 46 and 47 Polyvalent KVII: 48, 49, 50, 51, 52, 53 and 54 Polyvalent KVIII: 55, 56, 57, 58, 59, 60 and 61 Polyvalent KIX: 63, 64, 65, 66, 67, 68 and 69 Monovalent K1~K71 except K2, K14, K16, K27, K35 and K62	No CE Mark	2ml x 74
M10402	<i>Vibrio parahaemolyticus</i> O-grouping Antisera Set This set consists of 11 O-grouping sera. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11	No CE Mark	2ml x 11
M10405	<i>Vibrio parahaemolyticus</i> Antisera type listed below <i>V.parahaemolyticus</i> Polyvalent KI contains types 1, 3, 4, 5, 6, 7, and 8	No CE Mark	2ml
M10406	<i>V.parahaemolyticus</i> Polyvalent KII contains types 9, 10, 11, 12, 13, 14, 15 and 17	No CE Mark	2ml
M10407	<i>V.parahaemolyticus</i> Polyvalent KIII contains types 18, 19, 20, 21, 22, 23 and 24	No CE Mark	2ml
M10408	<i>V.parahaemolyticus</i> Polyvalent KIV contains types 25, 26, 28, 29, 30, 31 and 32	No CE Mark	2ml
M10409	<i>V.parahaemolyticus</i> Polyvalent KV contains types 33, 34, 36, 37, 38, 39 and 40	No CE Mark	2ml
M10410	<i>V.parahaemolyticus</i> Polyvalent KVI contains types 41, 42, 43, 44, 45, 46, and 47	No CE Mark	2ml
M10411	<i>V.parahaemolyticus</i> Polyvalent KVII contains types 48, 49, 50, 51, 52, 53 and 54	No CE Mark	2ml
M10412	<i>V.parahaemolyticus</i> Polyvalent KVIII contains types 55, 56, 57, 58, 59, 60 and 61	No CE Mark	2ml
M10482	<i>V.parahaemolyticus</i> Polyvalent KIX contains types 63, 64, 65, 66, 67, 68 and 69	No CE Mark	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST			
<i>Lead time 8 weeks</i>			
VIBRIO PARAHAEMOLYTICUS ANTISERA (continued)			
M10413	<i>V.parahaemolyticus</i> K1	No CE Mark	2ml
M10414	<i>V.parahaemolyticus</i> K3	No CE Mark	2ml
M10415	<i>V.parahaemolyticus</i> K4	No CE Mark	2ml
M10416	<i>V.parahaemolyticus</i> K5	No CE Mark	2ml
M10417	<i>V.parahaemolyticus</i> K6	No CE Mark	2ml
M10418	<i>V.parahaemolyticus</i> K7	No CE Mark	2ml
M10419	<i>V.parahaemolyticus</i> K8	No CE Mark	2ml
M10420	<i>V.parahaemolyticus</i> K9	No CE Mark	2ml
M10421	<i>V.parahaemolyticus</i> K10	No CE Mark	2ml
M10422	<i>V.parahaemolyticus</i> K11	No CE Mark	2ml
M10423	<i>V.parahaemolyticus</i> K12	No CE Mark	2ml
M10424	<i>V.parahaemolyticus</i> K13	No CE Mark	2ml
M10425	<i>V.parahaemolyticus</i> K15	No CE Mark	2ml
M10426	<i>V.parahaemolyticus</i> K17	No CE Mark	2ml
M10427	<i>V.parahaemolyticus</i> K18	No CE Mark	2ml
M10428	<i>V.parahaemolyticus</i> K19	No CE Mark	2ml
M10429	<i>V.parahaemolyticus</i> K20	No CE Mark	2ml
M10430	<i>V.parahaemolyticus</i> K21	No CE Mark	2ml
M10431	<i>V.parahaemolyticus</i> K22	No CE Mark	2ml
M10432	<i>V.parahaemolyticus</i> K23	No CE Mark	2ml
M10433	<i>V.parahaemolyticus</i> K24	No CE Mark	2ml
M10434	<i>V.parahaemolyticus</i> K25	No CE Mark	2ml
M10435	<i>V.parahaemolyticus</i> K26	No CE Mark	2ml
M10436	<i>V.parahaemolyticus</i> K28	No CE Mark	2ml
M10437	<i>V.parahaemolyticus</i> K29	No CE Mark	2ml
M10438	<i>V.parahaemolyticus</i> K30	No CE Mark	2ml
M10439	<i>V.parahaemolyticus</i> K31	No CE Mark	2ml
M10440	<i>V.parahaemolyticus</i> K32	No CE Mark	2ml
M10441	<i>V.parahaemolyticus</i> K33	No CE Mark	2ml
M10442	<i>V.parahaemolyticus</i> K34	No CE Mark	2ml
M10443	<i>V.parahaemolyticus</i> K36	No CE Mark	2ml
M10444	<i>V.parahaemolyticus</i> K37	No CE Mark	2ml
M10445	<i>V.parahaemolyticus</i> K38	No CE Mark	2ml
M10446	<i>V.parahaemolyticus</i> K39	No CE Mark	2ml
M10447	<i>V.parahaemolyticus</i> K40	No CE Mark	2ml
M10448	<i>V.parahaemolyticus</i> K41	No CE Mark	2ml
M10449	<i>V.parahaemolyticus</i> K42	No CE Mark	2ml
M10450	<i>V.parahaemolyticus</i> K43	No CE Mark	2ml
M10451	<i>V.parahaemolyticus</i> K44	No CE Mark	2ml
M10452	<i>V.parahaemolyticus</i> K45	No CE Mark	2ml
M10453	<i>V.parahaemolyticus</i> K46	No CE Mark	2ml
M10454	<i>V.parahaemolyticus</i> K47	No CE Mark	2ml
M10455	<i>V.parahaemolyticus</i> K48	No CE Mark	2ml
M10456	<i>V.parahaemolyticus</i> K49	No CE Mark	2ml
M10457	<i>V.parahaemolyticus</i> K50	No CE Mark	2ml
M10458	<i>V.parahaemolyticus</i> K51	No CE Mark	2ml
M10459	<i>V.parahaemolyticus</i> K52	No CE Mark	2ml
M10460	<i>V.parahaemolyticus</i> K53	No CE Mark	2ml
M10461	<i>V.parahaemolyticus</i> K54	No CE Mark	2ml
M10462	<i>V.parahaemolyticus</i> K55	No CE Mark	2ml
M10463	<i>V.parahaemolyticus</i> K56	No CE Mark	2ml
M10464	<i>V.parahaemolyticus</i> K57	No CE Mark	2ml
M10465	<i>V.parahaemolyticus</i> K58	No CE Mark	2ml
M10466	<i>V.parahaemolyticus</i> K59	No CE Mark	2ml
M10467	<i>V.parahaemolyticus</i> K60	No CE Mark	2ml
M10479	<i>V.parahaemolyticus</i> K61	No CE Mark	2ml
M10480	<i>V.parahaemolyticus</i> K63	No CE Mark	2ml
M10481	<i>V.parahaemolyticus</i> K64	No CE Mark	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST			
<i>Lead time 8 weeks</i>			
VIBRIO PARAHAEMOLYTICUS ANTISERA (continued)			
M10487	<i>V.parahaemolyticus</i> K65	No CE Mark	2ml
M10488	<i>V.parahaemolyticus</i> K66	No CE Mark	2ml
M10489	<i>V.parahaemolyticus</i> K67	No CE Mark	2ml
M10490	<i>V.parahaemolyticus</i> K68	No CE Mark	2ml
M10491	<i>V.parahaemolyticus</i> K69	No CE Mark	2ml
M10492	<i>V.parahaemolyticus</i> K70	No CE Mark	2ml
M10496	<i>V.parahaemolyticus</i> K71	No CE Mark	2ml
M10468	<i>V.parahaemolyticus</i> O1	No CE Mark	2ml
M10469	<i>V.parahaemolyticus</i> O2	No CE Mark	2ml
M10470	<i>V.parahaemolyticus</i> O3	No CE Mark	2ml
M10471	<i>V.parahaemolyticus</i> O4	No CE Mark	2ml
M10472	<i>V.parahaemolyticus</i> O5	No CE Mark	2ml
M10473	<i>V.parahaemolyticus</i> O6	No CE Mark	2ml
M10474	<i>V.parahaemolyticus</i> O7	No CE Mark	2ml
M10475	<i>V.parahaemolyticus</i> O8	No CE Mark	2ml
M10476	<i>V.parahaemolyticus</i> O9	No CE Mark	2ml
M10477	<i>V.parahaemolyticus</i> O10	No CE Mark	2ml
M10478	<i>V.parahaemolyticus</i> O11	No CE Mark	2ml
VIBRIO CHOLERAE ANTISERA			
M11001	<i>Vibrio cholerae</i> Antisera Set This set consists of: Polyvalent antiserum: Serovar Inaba and Ogawa Monovalent antisera: Serovar Inaba, Serovar Ogawa.		2ml x 3
YERSINIA ENTEROCOLITICA O-GROUPING ANTISERA			
M11101	<i>Yersinia enterocolitica</i> O-Grouping Antisera Set This set consists of 1 Polyvalent and 4 Monovalent O sera. Polyvalent: Group O1, O2 Mixture Monovalent: O3, O5, O8 and O9		2ml x 5
	<i>Yersinia enterocolitica</i> type listed below		
M11102	Polyvalent: Group O1, O2 Mixture		2ml
M11103	Group O3		2ml
M11104	Group O5		2ml
M11105	Group O9		2ml
M11106	Group O8		2ml
M11801	<i>Yersinia pseudotuberculosis</i> Grouping Antisera Set This set consists of: Group 1~6	No CE Mark	2ml x 6
	<i>Yersinia pseudotuberculosis</i> Group listed below		
M11802	<i>Y.pseudotuberculosis</i> Group 1	No CE Mark	2ml
M11803	<i>Y.pseudotuberculosis</i> Group 2	No CE Mark	2ml
M11804	<i>Y.pseudotuberculosis</i> Group 3	No CE Mark	2ml
M11805	<i>Y.pseudotuberculosis</i> Group 4	No CE Mark	2ml
M11806	<i>Y.pseudotuberculosis</i> Group 5	No CE Mark	2ml
M11807	<i>Y.pseudotuberculosis</i> Group 6	No CE Mark	2ml









IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST		
MAST ASSURE™ STAINED FEBRILE ANTIGENS		
<i>Lead time 2-3 weeks</i>		
P00018	<i>Brucella abortus</i>	5ml
P00020	<i>Brucella melitensis</i>	5ml
P00022	Proteus OX2	5ml
P00024	Proteus OX19	5ml
P00026	Proteus OXK	5ml
P00002	Salmonella typhi H	5ml
P00004	Salmonella H paratyphi A	5ml
P00006	Salmonella H Paratyphi B	5ml
P00008	Salmonella H Paratyphi C	5ml
P00010	Salmonella typhi O	5ml
P00011	Salmonella typhi Vi (unstained)	5ml
P00012	Salmonella O paratyphi A	5ml
P00014	Salmonella O paratyphi B	5ml
P00016	Salmonella O paratyphi C	5ml
P00032	Negative Febrile Control	1ml
P00030	Positive Polyvalent Febrile Control	1ml

VETERINARY TESTS

ORDER NO:	PRODUCT	PACKSIZE
SERUM AMYLOID A (SAA)		
<p>Latex agglutination test for the rapid detection of SAA, an early and sensitive blood biomarker for tissue injury and inflammation. Available from stock.</p>		
G-SZ71	Serum Amyloid A Protein Reagent 1 and 2	4 x 20ml
G-SZ75	Serum Amyloid A Protein Calibrator (Liquid)	6 x 1ml
E-XC33/NCE	QC control-SAA H (~100ug/ml) Research / Veterinary Use ONLY	5 x 2ml
E-XC32/NCE	QC control-SAA L (~20ug/ml) Research / Veterinary Use ONLY	5 x 2ml
MAST VETERINARY PATHOGEN IDENTIFICATION PRODUCTS		
RST701	<p>MAST Toxoreagent- Toxoplasma test Complete kit for detection of Toxoplasma antibody comprising latex suspension, buffer and positive control serum.</p>	50 tests
MRSA-IDR	<p>MAST REDIPREP™ MRSA For the selective screening of MRSA in clinical & veterinary samples</p>	48 tests
MASTAZYME™ ENZYME IMMUNOASSAYS		
<p>All products available to Special Order- Lead time 2-3 weeks. Complete assays for the detection and confirmation of antibodies.</p>		
680253	<i>Brucella abortus</i> IgA	12 x 8 tests
680251	<i>Brucella abortus</i> IgG	12 x 8 tests
680252	<i>Brucella abortus</i> IgM	12 x 8 tests
ANTIBIOTIC SUSCEPTIBILITY PRODUCTS		
MAST Cartridge Discs (5 x 50 discs per pack)		
STOCKCART	Stock Susceptibility Cartridge Discs of a single type	1 pack
FUNG CART	Stock Antifungal Cartridge Discs of a single type	1 pack
SPECIALCART	Cartridge Discs made to special order*	Min order 20 pk
VOLCART	Cartridge Discs made to special order*	Min order 50 pk
Antibiotic Susceptibility Discs in Vials (100 discs per vial)		
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 order 20 pk
VOLDISC	Discs made to special order*	Min order 50 pk
TOOL/C	<p>*Set up charge for Special Cartridge Discs or Discs in vials A one off charge for customisation of each new specification</p>	per new Specification
MASTRING-S (6 or 8 tipped, 100 rings per tin)		
MASTRING SPECIAL	<p>MASTRING-S™ to individual specification. Minimum order 10 tins of 100 rings</p>	10-24 tins
MASTRING25	<p>*Letter coded rings require an initial order of 25 tins. and are subject to a set up charge.</p>	25 tins and over
TOOL/M	<p>*Set up charge for MASTRING SPECIAL: a one off charge for customisation of each new letter coded ring</p>	per new Specification
<p>New Specification NUMBER coded MASTRING-S™ are subject to an initial minimum order of 10 tins. New Specification LETTER coded MASTRING-S™ are subject to an initial minimum order of 25 tins. Subsequent orders: minimums of 10 tins.</p>		


MOLECULAR BIOLOGY TESTS

ORDER NO:	PRODUCT		PACKSIZE
MAST Isoplex™ NUCLEIC ACID DETECTION PRODUCTS			
Lead time 2-3 weeks. A range of rapid isothermal nucleic acid amplification tests.			
67vtsck1	MAST Isoplex™ VTEC screening kit		48 tests
67vtsck2	MAST Isoplex™ VTEC screening kit		96 tests
67dnamp1	MAST Isoplex™ DNA Amp kit		48 tests
67dnamp2	MAST Isoplex™ DNA Amp kit		96 tests
67rnamp1	MAST Isoplex™ RNA Amp kit		48 tests
67rnamp2	MAST Isoplex™ RNA Amp kit		96 tests
EIKEN Loopamp NUCLEIC ACID DETECTION PRODUCTS *			
All products available to Special order, except were marked as stock. Lead time 8 weeks.			
A range of products for the detection of nucleic acids using isothermal amplification.			
COMPLETE KITS			
Contain primer sets, positive control and amplification reagents.			
In Vitro diagnostic use			
LMC301	Loopamp Norovirus GI detection kit (CE marked)		48 tests
LMC302	Loopamp Norovirus GII detection kit (CE marked)		48 tests
For Research Use Only (non- CE marked)			
LMP601	Loopamp Salmonella detection Kit		48 tests
LMP621	Loopamp Verotoxin producing <i>E.coli</i> detection Kit		48 tests
LMP631	Loopamp <i>E.coli</i> detection Kit		48 tests
LMP641	Loopamp Verotoxin Typing Kit		48 tests
LMP701	Loopamp <i>L.monocytogenes</i> detection kit		48 tests
LMP721	Loopamp Campylobacter detection kit		48 tests
LMP401	Loopamp SARS Coronavirus detection kit		48 tests

* Eiken Loopamp products are available from Mast in the UK and via selected distributors in Ireland, Australasia, South Asia and the Middle East.

If in doubt please contact Mast Group Ltd to confirm availability.

MOLECULAR BIOLOGY TESTS

ORDER NO:	PRODUCT	PACKSIZE
PRIMER SETS		
Sets of paired primers plus positive control. For use with the appropriate amplification kit.		
For Research Use Only (non-CE marked)		
PM0001	Loopamp West Nile Virus RNA Primer set	48 tests
PM0004	Loopamp H7 Avian Flu RNA Primer set	48 tests
PM0003	Loopamp Koi Herpes Virus DNA Primer set	48 tests
PM0005	Loopamp <i>A.acidoterrestis</i> DNA Primer set	48 tests
AMPLIFICATION AND DETECTION REAGENTS		
In Vitro diagnostic use		
LMC245	Loopamp RNA Amplification kit-RT-LAMP (CE marked)	96 tests
LMC221	Fluorescence Detection Reagent (CE marked) 	96 tests
For Research Use Only (non- CE marked)		
LMP204	Loopamp DNA Amplification kit	48 tests
LMP205	Loopamp DNA Amplification kit	96 tests
LMP206	Loopamp DNA Amplification kit	192 tests
LMP244	Loopamp RNA Amplification kit-RT-LAMP	48 tests
LMP221	Fluorescence Detection Reagent	96 tests
CONSUMABLES AND INSTRUMENTATION		
LMP903	Loopamp Reaction Tubes	8 x 12 tubes
M-L100	Loopamp Realtime Turbidimeter LA-320C	1

* Eiken Loopamp products are available from Mast in the UK and via selected distributors in Ireland, Australasia, South Asia and the Middle East.

If in doubt please contact Mast Group Ltd to confirm availability.

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

ORDER NO:	PRODUCT	PACKSIZE
MASTAFLUOR™ IMMUNOFLUORESCENCE TESTS		
All products available to Special Order- Lead time 2-3 weeks.		
636336	<i>Borrelia burgdorferi</i> IgG-complete test kit	10 x 5 tests
636339	<i>Borrelia burgdorferi</i> IgM-complete test kit	10 x 5 tests
646436	<i>Borrelia burgdorferi</i> slides	10 x 5 wells
646438	<i>Borrelia burgdorferi</i> slides	10 x 10 wells
626251	<i>Borrelia burgdorferi</i> controls IgG positive	0.5 ml
626252	<i>Borrelia burgdorferi</i> controls IgM positive	0.5 ml
636352	Candida-Mix IgG-complete test kit	10 x 10 tests
636353	Candida-Mix IgM-complete test kit	10 x 10 tests
646452	Candida-Mix slides	10 x 10 wells
626255	Candida-Mix controls IgG Positive	0.5 ml
626229	Candida-Mix controls IgM Positive	0.5 ml
636346	EBV-IgG-complete test kit	10 x 5 tests
636347	EBV-IgM-complete test kit	10 x 5 tests
646446	EBV slides	10 x 5 wells
626250	EBV-Antibodies controls IgG positive	0.5 ml
626257	EBV-Antibodies controls IgM positive	0.5 ml
630522	FTA-ABS-IgG Treponema pallidum complete test kit	10 x 10 tests
640522	FTA-ABS Treponema pallidum slides	10 x 10 wells
620521	FTA-ABS-Antibodies controls IgG positive	0.5 ml
620525	FTA-ABS-Antibodies controls IgM positive	0.5 ml
636308	HSV 1-IgG-complete test kit	10 x 5 tests
636309	HSV 1-IgM-complete test kit	10 x 5 tests
646408	HSV 1 slides	10 x 5 wells
626242	HSV 1 controls IgG positive	0.5 ml
626258	HSV 1 controls IgM positive	0.5 ml
636312	HSV 2-IgG-complete test kit	10 x 5 tests
636313	HSV 2-IgM-complete test kit	10 x 5 tests
646412	HSV 2 slides	10 x 5 wells
626243	HSV 2 controls IgG positive	0.5 ml
626259	HSV 2 controls IgM positive	0.5 ml
636320	Measles IgG-complete test kit	10 x 5 tests
636321	Measles-IgM-complete test kit	10 x 5 tests
646420	Measles slides	10 x 5 wells
626246	Measles controls IgG positive	0.5 ml
626234	Measles controls IgM positive	0.5 ml
636324	Mumps-IgG-complete test kit	10 x 5 tests
636325	Mumps-IgM-complete test kit	10 x 5 tests
646424	Mumps slides	10 x 5 wells
646426	Mumps slides	10 x 10
626247	Mumps controls IgG Positive	0.5 ml
626263	Mumps controls IgM positive	0.5 ml
636330	RSV-IgG-complete test kit	10 x 10
636335	RSV-IgM-complete test kit	10 x 10
646430	RSV slides	10 x 10
626249	RSV controls IgG positive	0.5 ml
626269	RSV controls IgM positive	0.5 ml
631181	Toxoplasma Screen	10 x 5
631182	Toxoplasma Screen	10 x 10
631183	Toxoplasma-IgG-complete test kit	10 x 5
631184	Toxoplasma-IgGcomplete test kit	10 x 10
631185	Toxoplasma-IgM-complete test kit	10 x 5
631186	Toxoplasma-IgM-complete test kit	10 x 10
641181	Toxoplasma slides	10 x 5

Complete test kits contain slides, buffers, controls, mounting medium, conjugate & cover slips.

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

ORDER NO:	PRODUCT	PACKSIZE
MASTAFLUOR™ IMMUNOFLUORESCENCE TESTS (continued)		
All products available to Special Order- Lead time 2-3 weeks.		
641182	Toxoplasma slides	10 x 10
621181	Toxoplasma controls IgG positive	0.5 ml
621185	Toxoplasma controls IgM positive	0.5 ml
636332	<i>Varicella zoster</i> -IgG(Herpes Zoster) complete test kit	10 x 5
636331	<i>Varicella zoster</i> -IgM(Herpes Zoster) complete test kit	10 x 5
646432	<i>Varicella zoster</i> (Herpes Zoster) slides	10 x 5
646434	<i>Varicella zoster</i> (Herpes Zoster) slides	10 x 10
626248	<i>Varicella zoster</i> (Herpes Zoster) controls IgG Positive	0.5 ml
626256	<i>Varicella zoster</i> (Herpes Zoster) controls IgM positive	0.5 ml
Complete test kits contain slides, buffers, controls, mounting medium, conjugate & cover slips.		
MASTAFLUOR™ IF ADDITIONAL REAGENTS		
All products available to Special Order- Lead time 2-3 weeks.		
Conjugates FITC labeled (ready for use)		
626291	Anti-Human IgG	2.0 ml
626284	Anti-Human IgG	3.0 ml
626283	Anti-Human IgG	10.0 ml
626292	Anti-Human IgM (μ -chain)	2.0 ml
626285	Anti-Human IgM (μ -chain)	3.0 ml
626290	Anti-Human IgG, IgA, IgM	2.0 ml
626286	Anti-Human IgG, IgA, IgM	3.0 ml
Other Reagents		
620100	IFT Serumdiluent	2 x 10 ml
626297M	PBS-buffer (supplied as a powder- reconstitute in 1 litre H2O)	1 bag
626298	Evans Blue (ready to use)	3.0 ml
626299	Mounting Medium (ready to use)	3.0 ml
626281SO	Sorbent for FTA-ABS	2 x 5ml
626280	Cover Slides (24 x 60 mm)	100 pc
Rheumatoid factor IgG absorbent for IgM tests		
651003	MASTSORB	2 ml

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

ORDER NO:	PRODUCT	PACKSIZE
MASTAZYME™ ENZYME IMMUNOASSAYS		
All products available to Special Order- Lead time 2-3 weeks. Complete assays for the detection and confirmation of antibodies.		
680101	<i>Aspergillus fumigatus</i> IgG	12 x 8 tests
680102	<i>Aspergillus fumigatus</i> IgM	12 x 8 tests
680103	<i>Aspergillus fumigatus</i> IgA	12 x 8 tests
680151	<i>Bordetella pertussis</i> IgG	12 x 8 tests
680152	<i>Bordetella pertussis</i> IgM	12 x 8 tests
680153	<i>Bordetella pertussis</i> IgA	12 x 8 tests
680201	<i>Borrelia burgdorferi</i> IgG	12 x 8 tests
680202	<i>Borrelia burgdorferi</i> IgM	12 x 8 tests
680251	<i>Brucella abortus</i> IgG	12 x 8 tests
680252	<i>Brucella abortus</i> IgM	12 x 8 tests
680253	<i>Brucella abortus</i> IgA	12 x 8 tests
680301	<i>Candida albicans</i> IgG	12 x 8 tests
680302	<i>Candida albicans</i> IgM	12 x 8 tests
680303	<i>Candida albicans</i> IgA	12 x 8 tests
EIA802	CMV	480 tests
680351	Diphtheria IgG	12 x 8 tests
680401	EBV VCA IgG	12 x 8 tests
680402	EBV VCA IgM	12 x 8 tests
680403	EBV VCA IgA	12 x 8 tests
680411	EBV EA IgG	12 x 8 tests
680412	EBV EA IgM	12 x 8 tests
680413	EBV EA IgA	12 x 8 tests
680421	EBV EBNA IgG	12 x 8 tests
680422	EBV EBNA IgM	12 x 8 tests
680423	EBV EBNA IgA	12 x 8 tests
680451	Echinococcus IgG	12 x 8 tests
680501	FSME / TBEV IgG	12 x 8 tests
680502	FSME / TBEV IgM	12 x 8 tests
680551	<i>Helicobacter pylori</i> IgG	12 x 8 tests
680552	<i>Helicobacter pylori</i> IgM	12 x 8 tests
680553	<i>Helicobacter pylori</i> IgA	12 x 8 tests
680601	Herpes 1 simplex IgG	12 x 8 tests
680602	Herpes 1 simplex IgM	12 x 8 tests
680621	Herpes 2 simplex IgG	12 x 8 tests
680622	Herpes 2 simplex IgM	12 x 8 tests
680623	Herpes 2 simplex IgA	12 x 8 tests
680641	Herpes 1/2 simplex IgG	12 x 8 tests
680642	Herpes 1/2 simplex IgM	12 x 8 tests
680643	Herpes 1/2 simplex IgA	12 x 8 tests
680701	Influenza A IgG	12 x 8 tests
680702	Influenza A IgM	12 x 8 tests
680703	Influenza A IgA	12 x 8 tests
680711	Influenza B IgG	12 x 8 tests
680712	Influenza B IgM	12 x 8 tests
680751	Measles IgG	12 x 8 tests
680752	Measles IgM	12 x 8 tests
680753	Measles IgA	12 x 8 tests
680801	Mumps IgG	12 x 8 tests
680802	Mumps IgM	12 x 8 tests
680803	Mumps IgA	12 x 8 tests
680851	<i>Mycobacterium tuberculosis</i> IgG	12 x 8 tests
680852	<i>Mycobacterium tuberculosis</i> IgM	12 x 8 tests
680853	<i>Mycobacterium tuberculosis</i> IgA	12 x 8 tests
680901	<i>Mycoplasma pneumoniae</i> IgG	12 x 8 tests
680902	<i>Mycoplasma pneumoniae</i> IgM	12 x 8 tests
680903	<i>Mycoplasma pneumoniae</i> IgA	12 x 8 tests

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

ORDER NO:	PRODUCT	PACKSIZE
MASTAZYME™ ENZYME IMMUNOASSAYS (continued)		
All products available to Special Order- Lead time 2-3 weeks. Complete assays for the detection and confirmation of antibodies.		
680981	Parainfluenza 1/2/3 IgG	12 x 8 tests
680982	Parainfluenza 1/2/3 IgM	12 x 8 tests
680983	Parainfluenza 1/2/3 IgA	12 x 8 tests
681051	Poliomyelitis IgG	12 x 8 tests
681101	Respiratory syncytial virus (RSV) IgG	12 x 8 tests
681102	Respiratory syncytial virus (RSV) IgM	12 x 8 tests
681103	Respiratory syncytial virus (RSV) IgA	12 x 8 tests
681151	Tetanus Antitoxin IgG	12 x 8 tests
681201	<i>Varicella zoster</i> (VZV) IgG	12 x 8 tests
681202	<i>Varicella zoster</i> (VZV) IgM	12 x 8 tests
681203	<i>Varicella zoster</i> (VZV) IgA	12 x 8 tests
681251	<i>Yersinia enterocolitica</i> IgG	12 x 8 tests
681252	<i>Yersinia enterocolitica</i> IgM	12 x 8 tests
681253	<i>Yersinia enterocolitica</i> IgA	12 x 8 tests
Chlamydia Antigen		
695010	Mastazyme Chlamydia Ag Reagents	12 x 8 tests
695020	Mastazyme Chlamydia Ag Transport Media	95 tubes
695030	Mastazyme Chlamydia Ag Swabs	100 pc.
Special prices are available for bulk purchase.		
MASTABLOT™ LINEBLOT ASSAYS		
All products available to Special Order- Lead time 2-3 weeks.		
A range of highly specific confirmatory tests to detect antibodies against <i>Treponema pallidum</i> .		
6653G08	MASTABLOT TP (<i>Treponema pallidum</i>)IgG	8 tests
6653G24	MASTABLOT TP (<i>Treponema pallidum</i>)IgG	24 tests
6653M08	MASTABLOT TP (<i>Treponema pallidum</i>)IgM	8 tests
6653M24	MASTABLOT TP (<i>Treponema pallidum</i>)IgM	24 tests
MASTABLOT™ WESTERN BLOT ASSAYS		
All products available to Special Order- Lead time 2-3 weeks.		
Antibody detection for <i>Borrelia burgdorferi</i>		
665101	MASTABLOT Borellia IgG	8 tests
665122	MASTABLOT Borellia IgG	20 tests
665102	MASTABLOT Borellia IgM	8 tests
665123	MASTABLOT Borellia IgM	20 tests
HAEMAGGLUTINATION TESTS		
HA101	MAST - TPHA. A liquid stable <i>Treponema pallidum</i> haemagglutination assay for the serodiagnosis of syphilis.	200 tests

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

ORDER NO:	PRODUCT	PACKSIZE
MASTAFLUOR™ IMMUNOFLUORESCENCE TESTS		
All products available to Special Order. Lead time 2-3 weeks.		
COMPLETE TEST KITS		
contains slides, controls, conjugate, mounting medium and buffer.		
	HEp-2-Cells	
606045	ANA Anti-Nuclear-Antibodies	10 x 5 tests
606046	ANA Anti-Nuclear-Antibodies <i>Crithidia luciliae</i>	10 x 10 tests
606010	dsDNA	10 x 5 tests
606011	dsDNA	10 x 10 tests
	Tissue Sections	
606023	ANA/AMA/ASMA/APCA/LKM	10 x 10 tests
606060	ASA/Monkey Esophagus	10 x 5 tests
606080	ASA/Rabbit Tongue	10 x 5 tests
606030	ATA	5 x 5 tests
606070	EmA	10 x 5 tests
606088	GBM	10 x 5 tests
606025	HMA	10 x 5 tests
606050	ICA	10 x 5 tests
606055	NNA	10 x 5 tests
606064	SKMA	10 x 5 tests
SLIDES		
	HEp-2	
616145	ANA	10 x 5 wells
616146	ANA <i>Crithidia luciliae</i>	10 x 10 wells
616110	nDNA	10 x 5 wells
616111	nDNA	10 x 10 wells
	TISSUE SECTIONS	
	Single Tissues	
	Primates Tissue Sections	
616188	Monkey Kidney	10 x 5 wells
616170	Monkey Esophagus, distal	10 x 5 wells
616160	Monkey Esophagus	10 x 5 wells
	Rabbit Tissue Sections	
616180	Rabbit Tongue	10 x 5 wells
	Rat Tissue Sections	
616117	Rat Stomach	10 x 5 wells
616115	Rat Kidney	10 x 5 wells
616175	Rat Striated Muscle	10 x 5 wells
	Combined Tissue Sections	
	<i>Monkey- /Rat Tissue</i>	
616130	Monkey Thyroid / Rat Kidney	10 x 5 wells
616150	Monkey Pancreas / Rat Kidney	10 x 5 wells
616155	Monkey Adrenal / Rat Kidney	10 x 5 wells
	Combined Tissue Sections	
	Rat Tissue	
616125	Rat Heart, Rat Kidney	10 x 5 wells
616123	Rat Liver/-Kidney/-Stomach	10 x 10 wells

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

ORDER NO:	PRODUCT	PACKSIZE
MASTAFLUOR™ IF CONTROLS		
All products available to Special Order. Lead time 2-3 weeks.		
	HEp-2	
626201	HEp-2 ANA pos. Homogenous	0.5 ml
626202	HEp-2 pos. speckled	0.5 ml
626203	HEp-2 pos. nucleolar	0.5 ml
626204	HEp-2 pos. centromere	0.5 ml
	Crithidia luciliae	
626210	nDNA (dsDNA) positive controls	0.5 ml
626215	AMA positive	0.5 ml
626201	ANA pos. homogeneous	0.5 ml
626220	ANA/AMA/ASMA/APCA (ASMA-positive)	0.5 ml
626221	ANA/AMA/ASMA/APCA (APCA-positive)	0.5 ml
626215	ANA/AMA/ASMA/APCA (AMA-positive)	0.5 ml
626201	ANA/AMA/ASMA/APCA (ANA-pos. homogeneous)	0.5 ml
626265	ARIA positive	0.5 ml
626228	ASA positive	0.5 ml
626230	ATA positive	0.5 ml
626271	EmA negative	0.5 ml
626270	EmA positive	0.5 ml
626225	HMA positive	0.5 ml
626232	ICA positive	0.5 ml
626262	IFA positive	0.5 ml
626266	LKM positive	0.5 ml
626264	SKMA positive	0.5 ml
MASTAFLUOR™ REAGENTS AND BUFFERS		
All products available to Special Order. Lead time 2-3 weeks.		
CONJUGATES		
	Conjugates FITC labeled (ready for use)	
626291	Anti-Human IgG	2.0 ml
626284	Anti-Human IgG	3.0 ml
626283	Anti-Human IgG	10.0 ml
626292	Anti-Human IgM	2.0 ml
626285	Anti-Human IgM	3.0 ml
626290	Anti-Human IgG, IgA, IgM	2.0 ml
626293	Anti-Human IgA	2.0 ml
626287	Anti-Human IgA	3.0 ml
OTHER REAGENTS		
620100	IFT Serumdiluent	100 ml
626297M	PBS- buffer (supplied as a powder- reconstitute in 1 litre H2O)	1 bag
626298	Evans Blue	3.0 ml
626299	Mounting Medium (ready for use)	3.0 ml
626280	Cover Slides (24 x 60 mm)	100 pc.0
	Rheumatic factor, IgG absorbent for IgM tests	
651003	MASTSORB	2 ml

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

ORDER NO:	PRODUCT	PACKSIZE
MASTAZYME™ ENZYME IMMUNOASSAY		
All products available to Special Order. Lead time 2-3 weeks.		
ANA		
732020	Anti-dsDNA	12 x 8 tests
733026	ANA Profile 8	12 x 8 tests
733018	ANA Profile HJS	12 x 8 tests
ENA		
733020	Anti-ENA Combi 4 (3 strips per antigen)	4 x 24 tests
733021	Anti-ENA Combi 6 (2 strips per antigen)	6 x 16 tests
733023	Anti-ENA Screen 7	12 x 8 tests
733010	Anti-Jo 1	12 x 8 tests
733012	Anti-Scl-70	12 x 8 tests
733013	Anti-Sm	12 x 8 tests
733014	Anti-Sm/RNP	12 x 8 tests
733015	Anti-SS-A (Ro)	12 x 8 tests
733016	Anti-SS-B (La)	12 x 8 tests
AMA		
733017	Anti-Mitochondrial M2	12 x 8 tests
Thyroid-Autoantibodies		
731010	Anti-TG	12 x 8 tests
731011	Anti-Thyroid-Peroxidase (Anti-TPO)	12 x 8 tests
ANCA		
735013	Anti-Proteinase 3	12 x 8 tests
735012	Anti-Myeloperoxidase	12 x 8 tests
Others		
733011	Anti-Rib-P (ribosomal protein)	12 x 8 tests
735020	Anti-Parietal cells (Anti-PCA)	12 x 8 tests
Special prices are available for bulk purchase.		
MASTABLOT™ LINEBLOT ASSAYS		
All products available to Special Order- Lead time 2-3 weeks.		
66ANA908	MASTABLOT ANA P9	8 tests
66ANA924	MASTABLOT ANA P9	24 tests

MAST CUSTOM MANUFACTURING POLICY

MAST has always been committed to high standards of manufacturing and customer service and is an ISO9001:2000 accredited company offering an extensive range of products available from stock. Unique among diagnostic companies Mast also offers a renowned custom manufacturing service which guarantees to make products to customer specification with small minimum order requirements.

It is important that every customer understands the terms and conditions of this service, a summary of which covering the most popular products is provided in the table below. One important issue is that we specify the minimum order quantity for each type of product and while every attempt is made to achieve this actual number (or a higher quantity if ordered), the nature of the processes involved means the target quantity cannot be guaranteed – our guarantee is between 80 and 100% of the quantity ordered. The final quantity may also comprise of more than one batch number. Exceptions though will be made for specific tenders if agreed in advance.

Another point to understand is that we can only manufacture in certain increments above the minimum quantity – our prices are based on this. In addition lower prices may be available for orders at the optimum level.

Product	Min. order (packs)	Increments (packs)	Optimum (packs)	Lead time (weeks)
Cartridge discs	20	10	50	4 – 6 *
Discs in vials	20	10	50	4 – 6*
Mastrings (number coded)	Initial order 10 Subsequent 10	10	100	4 – 6
Mastrings (letter coded)	Initial order 25 Subsequent 10	10	100	4 – 6
Adatab/Selectatab	15	15	45	4 – 6 *
Selectavial	15	15	75	4 – 6 *
Mast Assure	1	1	10	8
Media Stock Formulae (5kg packs)	1	NA	20	4 – 6
Media Non-Stock Formulae	25Kg	NA	75Kg	6

N.A. = not applicable

* Please note 4 – 6 weeks lead time refers to new strengths of currently used antibiotics or slight modifications of existing products. For products containing new antibiotics which we have never worked with before there is an evaluation process which has to be performed leading to a minimum 12 week lead time. Specific delivery dates will be provided by quotation for such new products.

MAST PRODUCT CATALOGUE

CONDITIONS OF SALE

1. Interpretation

1.1 In these conditions the following words shall have the following meanings:

the Buyer: means the person(s), firm or company who purchases the goods from The Company;

the Company: means Mast Group Limited;

Contract: means any contract between the Company and the Buyer for the sale and purchase of Goods, incorporating these conditions; and

Goods: means any goods agreed in the Contract to be supplied to the Buyer by the Company (including any part or parts of them).

1.2 In these conditions, references to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced.

1.3 In these conditions references to the masculine include the feminine and the neuter and to the singular include the plural and vice versa as the context admits or requires.

1.4 In these conditions the headings will not affect the construction of these conditions.

2. General

2.1 Subject to any variation under condition 2.3, the Contract will be subject to these conditions of sale to the exclusion of all other terms and conditions (including any terms or conditions which the Buyer purports to apply under any purchase order, confirmation of order, specification or other document) and the acceptance of the Goods shall be deemed conclusive evidence of the Buyer's acceptance of these conditions.

2.2 Orders may be made by post, telephone, fax or e-mail and shall be deemed to be in accordance with Mast's custom manufacturing policy as set out in Mast's price list from time to time. Each order for Goods by the Buyer shall be deemed to be an offer by the Buyer to purchase Goods subject to these conditions. Please order by catalogue number and product description. An order number is required for every order.

2.3 These conditions apply to all the Company's sales and any variation to these conditions and representations about the Goods shall have no effect unless expressly agreed in writing and signed by the Managing Director of the Company.

2.4 Products should be used in accordance with the manufacturer's instructions. The Company can accept no responsibility for the performance of products if used outside the manufacturer's instructions.

2.5 An order for Products available from stock may be cancelled at any time prior to the despatch of the order without incurring any additional charges. Cancellation of an order which has already been despatched will incur a 15% restocking fee. Cancellation of Products for special order will be subject to a charge equivalent to 100% of the value of the special order products, once the order has been entered onto Mast's computer system.

3. New Accounts

Prospective customers wishing to open a credit account are requested to furnish two trade references and one banker's reference. Until the opening of a credit account has been confirmed, a remittance should accompany payment effected by a valid credit card, or cheque, banker's draft or electronic transfer, otherwise delivery will not be made until after the references have proved satisfactory.

4. Description

4.1 The description of the Goods shall be as set out in the Company's quotation or price list.

4.2 All drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They will not form part of the Contract.

5. Terms of Payment

5.1 Unless otherwise agreed in writing terms of payment shall be net cash due, together with Value Added Tax where applicable, according to the terms printed on the invoice in respect of the Goods. Payment of the price shall be due within thirty (30) days of receipt of the invoice, unless otherwise agreed.

5.2 Time for payment shall be of the essence.

5.3 The Company may submit its invoice either with its delivery note or as requested.

5.4 The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Buyer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Buyer.

5.5 Where the Contract is to be or may be fulfilled in separate deliveries or instalments payment for each such delivery or instalment will be as if the same constituted a separate contract.

5.6 The Company, at its discretion, reserves the right to charge interest on amounts outstanding beyond the time specified in condition 5.1. The rate of interest shall be 5% per annum over the National Westminster Bank plc base-lending rate from time to time accruing on a daily basis from the due date of payment until payment is made. The Company may exercise this right in addition to any other rights it may have in respect of the Goods or the non-payment.

6. Prices

6.1 Unless otherwise agreed in writing, all orders are executed subject to prices and any relevant discounts running at the date of dispatch. Any price list of the Company whether published or not shall not affect the right of the Company to charge for Goods in accordance with this condition 6.

6.2 All prices unless otherwise stated are ex-works and exclusive of Value Added Tax.

6.3 Any special negotiated prices will only be applied if the Company has received written acceptance of a quotation or the order states a valid quote reference. If no acceptance has been received list prices will be applied. Quotations, unless specifically stated otherwise shall remain valid for ninety (90) days from the date of the quotation.

6.4 Special prices for volume breaks apply to individual orders received on the same day for planned delivery as one order and are not cumulative. Special prices for volume breaks will similarly not apply when the order is planned to be delivered on more than one delivery date.

6.5 The Company reserves the right to adjust quoted prices if the Buyer does not fulfil its obligation of purchasing the required quantities indicated in the quotation.

7. Carriage

7.1 Unless otherwise agreed, prices quoted exclude delivery charges.

7.2 An order comprising both stock and specially manufactured items will be subject to separate charges for each delivery.

7.3 Delivery of the Goods shall be made to the Buyer's specified address and the Buyer shall make all arrangements necessary to take delivery of the Goods whenever they are tendered for delivery.

7.4 The Buyer shall be deemed to have accepted the Goods three (3) days after delivery to the Buyer and after acceptance the Buyer shall not be entitled to reject goods which are not in accordance with the Contract.

7.5 A handling charge will apply on all orders in the UK mainland. An additional charge applies to Northern Ireland, and the Isle of Man and Scottish Islands. The Company reserves the right to apply a small order supplement. Products designated as **"Hazardous Goods"** will be shipped separately and subject to an additional charge per delivery. Any such charges shall be published on the Company's website from time to time.

7.6 Any dates specified for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are so specified, delivery will be within a reasonable time.

8. Title of Goods

8.1 The Goods shall be at the Buyer's risk as from delivery.

8.2 The Company and the Buyer expressly agree that, in spite of delivery having been made, property in the Goods shall not pass from the Company until the Buyer shall have paid the invoice value in full and no other sums whatsoever shall be due from the Buyer to the Company.

8.3 Until property in the Goods passes to the Buyer in accordance with clause 8.2 the Buyer shall hold the Goods and as bailee for the Company. The Buyer shall store the Goods in accordance with the Company's instructions (at no cost to the Company) separately from all other goods in its possession and so that they are clearly identified as the Company's property.

8.4 Notwithstanding that the Goods (or any of them) remain the property of the Company, the Buyer has the right to dispose of the Goods or such other products in the course of its business for the account of the Company and to pass title to the Goods or products to his customer being a bona fide purchaser for value without notice of the Company's rights. Any such dealings shall be a sale or use of the Company's property by the Buyer on the Buyer's own behalf and the Buyer shall deal as principal when making such sales or dealings. The Company shall be entitled to recover the invoice value notwithstanding the property and any of the Goods have not passed from the Company.

8.5 Until such time as property in the Goods passes from the Company the Buyer shall upon request deliver up such of the Goods as have not ceased to be in existence or resold to the company. If the Buyer fails to do so the Company or its appointed representative may enter the premises owned occupied or controlled by the Buyer where the Goods are situated and repossess the goods. On the making of such request the rights of the Buyer under clause 8.4 shall cease.

8.6 The Buyer shall insure and keep insured the goods to their full value against **"all risks"** to the reasonable satisfaction of the Company until the date that property in the Goods passes from the Company.

9. Damage in Transit and Shortages

9.1 The Company will, when the price quoted includes delivery, repair or replace free of charge goods damaged in transit provided that the carriers and the Company receive notification of such damages within three days of delivery. Goods received in a damaged or unsatisfactory condition must be signed for as such.

9.2 Goods should not be returned to the Company without a valid returns material authorisation number. If authorisation is received the Buyer shall return goods, packaging and a copy of the delivery note.

9.3 Shortage claims will only be considered if the carriers and the Company receive notification within three days of receipt of delivery, failing which no liability will be admitted.

9.4 Any liability of the Company for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

10. Returns

10.1 Goods supplied correctly may not be returned without prior written agreement or authorisation number, which can be obtained from Customer Services.

10.2 Goods so returned must be consigned carriage paid and a re-stocking and handling charge of 15% will be made on all goods returned for credit. Credit will only be awarded once a full assessment of re-saleable condition has been made.

10.3 Goods many not be returned if the packaging has been defaced in any way.

11. Warranty

11.1 The Company warrants that subject to the other provisions of these Conditions upon delivery, the Goods will comply with the written specification. The Company shall at its option elect to repair or replace any such defective Goods.

11.2 The Company shall not be liable for any breach of the warranty in condition 11.1 unless:

11.2.1 the Buyer gives written notice of the defect to the Company and (if the defect is as a result of damage in transit) to the carrier within 3 days of the time when the Buyer discovers or ought reasonably to have discovered the defect;

11.2.2 the Company is given a reasonable opportunity after receiving notice of examining such Goods and the Buyer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Buyer's cost for such examination to take place.

11.3 The Company shall not be liable for a breach of warranty if:

11.3.1 the Buyer makes any further use of the Goods after giving such notice; or

11.3.2 the defect arises because the Buyer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or

11.3.3 the Buyer alters or repairs such Goods without the written consent of the Company.

11.4 Subject to conditions 11.2, and 11.3, if any of the Goods do not conform with the warranty in condition 11.1, the Company shall at its option repair or replace such Goods (or the defective part) provided that the Buyer shall return the Goods (or the defective part), if the Company so requests, to the Company at the Buyer's expense.

11.5 The Company shall have no further liability for a breach of warranty in condition 11.1 in respect of such Goods.

12. Limitation of Liability

12.1 Subject to condition 11, the following provisions set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:

12.1.1 any breach of these conditions; and

12.1.2 any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract.

12.2 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.

12.3 Nothing in these conditions excludes or limits the liability of the Company for death or personal injury caused by the Company's negligence or fraudulent misrepresentation.

12.4 Subject to conditions 12.2 and 12.3:

12.4.1 the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of this Contract shall be limited to the refund of the price of the Goods; and

12.4.2 the Company shall not be liable to the Buyer for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.

13. Termination

13.1 The Company shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without any liability to the Buyer if any of the following occur (without prejudice to any other right or remedy available to the Company):

13.1.1 the Buyer being in material breach of a material obligation under the Contract which (if capable of remedy) it fails to remedy within 30 days starting on the day after receipt of notice from the Company giving particulars of the breach;

13.1.2 the Buyer passing a resolution for its winding-up or a court of competent jurisdiction making an order for the Buyer's winding up or dissolution;

13.1.3 the making of an administration order in relation to the Buyer or the appointment of a receiver over, or the taking possession or sale by an encumbrance taking possession of or selling an asset of the Buyer; or

13.1.4 the Buyer making an arrangement or composition with its creditors generally or making an application to a court of competent jurisdiction for protection from its creditors generally.

13.2 If the Company cancels or suspends any further deliveries under the Contract under condition 13 and if the Goods have been delivered but not paid for the price shall become immediately due and payable regardless of previous agreement or arrangement to the contrary.

14. Force Majeure

The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Buyer (without liability to the Buyer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company.

15. General

15.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.

15.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.

15.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract will not be construed as a waiver of any of its rights under the Contract.

15.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Buyer will not be deemed a waiver of any subsequent breach or default and will in no way affect the other terms of the Contract.

15.5 The parties to this Contract do not intend that any term of this Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.

15.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by English law and the parties submit to the exclusive jurisdiction of the English courts.

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