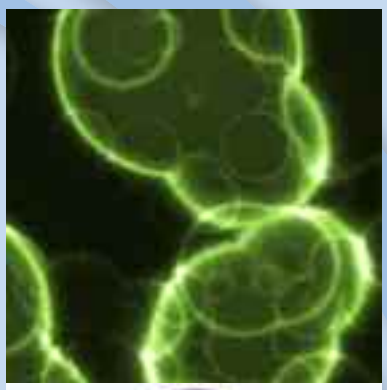
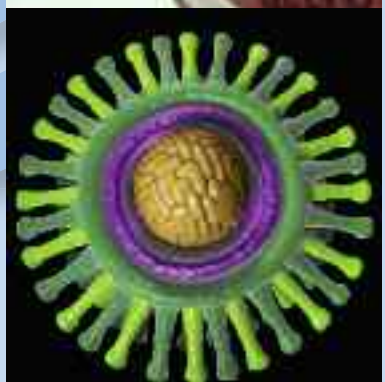
MAST





MAST PRODUCT CATALOGUE

Effective from January 2008

www.mastgrp.com

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
Mast House
Derby Road
Bootle
Merseyside
UK
L20 1EA

Tel: +44 151 472 1444 Customer Services
Tel: +44 151 933 7277 Main Switchboard
Fax: +44 151 944 1332
e-mail: sales@mastgrp.com
Web site: www.mastgrp.com

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 at www.mastgrp.com

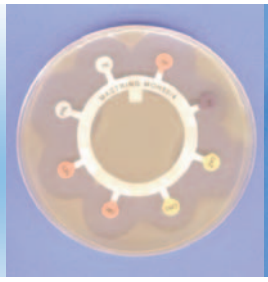
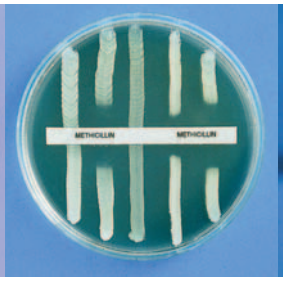
CONTENTS

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.

MASTDISCS
The DISCMASTER™2 System
MASTRING-S™
Antibiotic Strips
ESβL Discs
Cica-Beta Rapid ESβL Test
ADATAB™

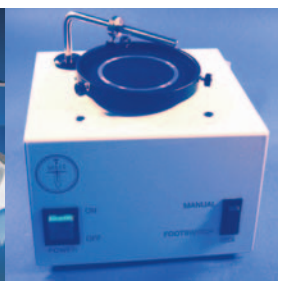



INSTRUMENTATION

Pages 7 - 9

Mast has been involved in microbiology instrumentation since 1983 when the first Mastascan automatic analyser was launched. There has been continuous development of the Mastascan since the first version and our current instrument, **mastascan**elite™, benefits from the enormous experience and expertise gathered since 1983. In addition, Mast offers instrumentation for plating and inoculation.

mastascanelite™
mastascanelite™ Software Modules
MAST Urine Screening system™
multipointelite™
ROTARY PLATER



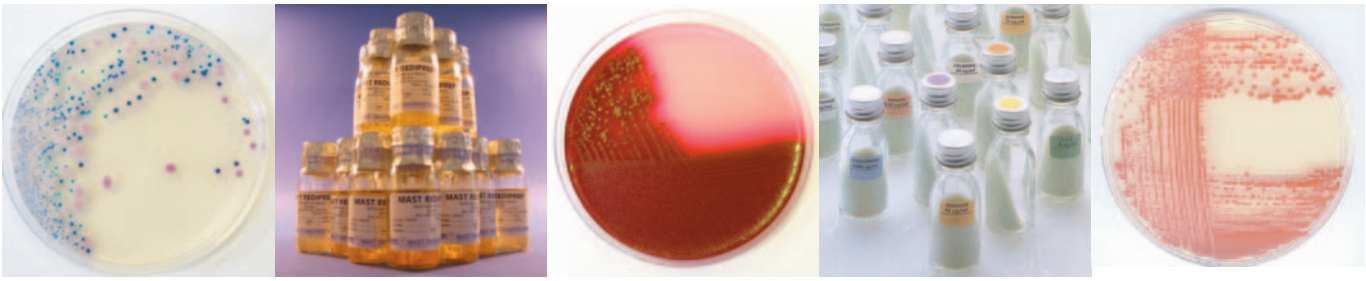
CONTENTS

CULTURE MEDIA AND SUPPLEMENTS

Pages 10 - 20

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
Mast Rediprep Blood Culture Bottles



GENERAL PRODUCTS

Page 21

MAST BACTERURITEST™ strips provide a reliable and inexpensive urine screening method.
MAST CRYOBANK™ is a cryogenic storage system for storage of QC organisms.
MAST-OCCUTEST™ Reagents and Test Cards are designed for the detection of occult blood in faeces.
PBS Phospate buffered saline pH7.0 for blood group serology.

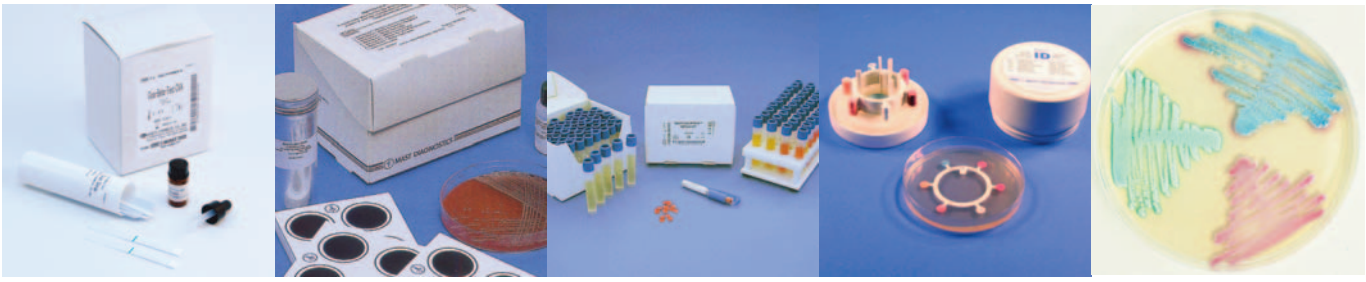
CONTENTS

IDENTIFICATION AND DETECTION

Pages 22 - 41

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
Rapid Detection of ESBL
Identification of MRSA
Identification of *Candida spp.*
Identification of VRE
MAST ASSURE™ Bacterial Agglutinating Antisera



MOLECULAR BIOLOGY

Pages 42 - 43

A range of molecular biology based tests from Hain LifeScience® for both microbial detection and genetic polymorphism identification using DNA Strip technology.

Hain LifeScience® Products are available from Mast in the UK and via selected Mast distributors in Ireland, Australia, New Zealand, and throughout the Middle East. If in doubt, please contact Mast Group Ltd to confirm availability.

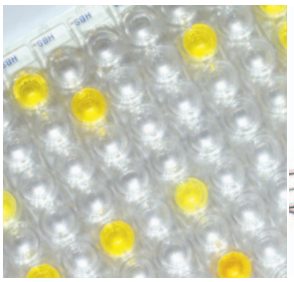
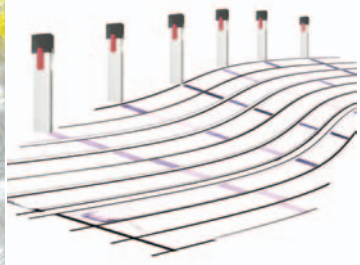
Blood Culture
Chlamydia
EHEC
Enterococci
Helicobacter
MRSA
Mycobacteria
Norovirus
Genetics kits
Accessories

CONTENTS

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE **Pages 44 - 48**

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

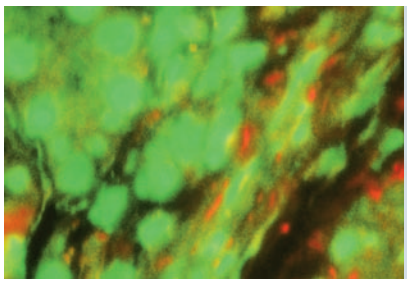
MASTAFLUOR™ Kits, controls, slides and reagents
MASTAZYME™ EIA kits
MASTABLOT™ Lineblot Assays
MASTABLOT™ Western Blot Assays

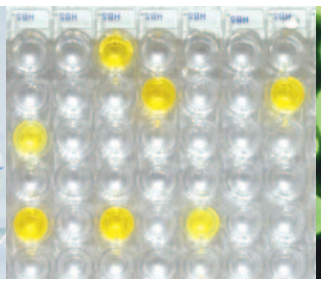
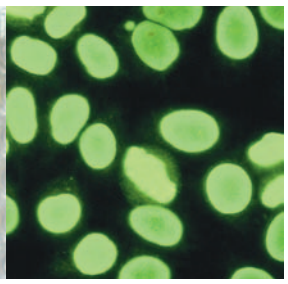



MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE **Pages 49 - 52**

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



ANTIBIOTIC SUSCEPTIBILTY TESTING

ORDER NO:	PRODUCT		PACKSIZE
MDD62	DiscMaster™2 DISPENSER - 6 place	NEW	1
MDD8	DiscMaster™ DISPENSER - 8 place		1
SHD1	Single Cartridge Hand Dispenser		1
SHD5	Single Cartridge Hand Dispenser		5

DiscMaster™ DISPENSER

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

ANTIBIOTIC SUSCEPTIBILITY DISCS IN CARTRIDGES AND VIALS - STOCK RANGE

Description			Order Code	
Antibiotic & Strength µg per disc (unless otherwise stated)	**BSAC**	**CLSI**	**Cartridges 5 x 50 discs**	**Vials 100 discs**
Amikacin 30	✓	✓	AK30C	AK30
Amoxycillin 2	✓		A2C	A 2
Amoxycillin 10	✓		A10C	A10
Amoxycillin 25	✓		A25C	A25
Ampicillin 2	✓		AP2C	AP2
Ampicillin 10	✓	✓	AP10C	AP10
Ampicillin 25	✓		AP25C	AP25
Ampicillin/Sulbactam 20		✓	SAM20C	
Apramycin 15		✓	APR15C	
Augmentin 3	✓		AUG3C	AUG3
Augmentin 30		✓	AUG30C	AUG30
Azithromycin 15	✓	✓	ATH15C	ATH15
Aztreonam 30	✓	✓	ATM30C	ATM30
Bacitracin 8 units			-	BA8
Bacitracin 10 units			BA10C	BA10
Carbenicillin 100	✓	✓	PY100C	
Cefaclor 30	✓	✓	CFC30C	CFC30
Ceftibuten 30		✓	CFB30C	
Cefamandole 30	✓	✓	CMD30C	
Cefadroxil 30	✓		CDX30C	
Cefepime 30	✓	✓	CPM30C	
Cefixime 5	✓	✓	CFM5C	CFM5
Cefoperazone 30	✓		CPZ30C	
Cefoperazone 75		✓	CPZ75C	CPZ75
Cefotaxime 5	✓		CTX5C	CTX5
Cefotaxime 30	✓	✓	CTX30C	CTX30
Cefoxitin 10	✓		FOX10C	FOX10
Cefoxitin 30	✓	✓	FOX30C	FOX30
Cefpirome 30		✓	CFP30C	
Cefpodoxime 10	✓	✓	CPD10C	CPD10
Cefprozil 30		✓	CZL30C	CZL30
Ceftazidime 30	✓	✓	CAZ30C	CAZ30
Ceftizoxime 30	✓	✓		CZX30
Ceftriaxone 30	✓	✓	CRO30C	CRO30
Cefuroxime 5	✓		CXM5C	CXM5
Cefuroxime 30	✓	✓	CXM30C	CXM30
Cephalexin 30	✓		CFX30C	CFX30
Cephalothin 30	✓	✓	KF30C	KF30
Cephazolin 30		✓	CZ30C	
Cephradine 30	✓		CRD30C	CRD30
Chloramphenicol 10	✓		C10C	C 10
Chloramphenicol 30	✓	✓	C30C	C 30
Ciprofloxacin 1	✓		CIP1C	CIP1
Ciprofloxacin 5	✓	✓	CIP5C	CIP5
Clarithromycin 2	✓		CLA2C	
Clarithromycin 15		✓	CLA15C	CLA15

ANTIBIOTIC SUSCEPTIBILTY TESTING

Description			Order Code	
Antibiotic & Strength µg per disc (unless otherwise stated)	**BSAC**	**CLSI**	**Cartridges 5 x 50 discs**	**Vials 100 discs**
Clindamycin 2	✓	✓	CD2C	CD2
Cloxacillin 5			CX5C	CX5
Colistin Sulphate 10			CO10C	
Colistin Sulphate 25	✓		CO25C	CO25
Cotrimoxazole 25	✓	✓	TS25C	TS25
Doxycycline 30	✓	✓	DXT30C	DXT30
Enrofloxacin 5		✓	ENF5C	
Ertapenem 10	✓	✓	ETP10C	ETP10
Erythromycin 5	✓		E5C	E5
Erythromycin 15		✓	E15C	E15
Florfenicol 30			FFC30C	
Fosfomycin/Trometamol 200	✓	✓	FOT200C	
Fusidic Acid 10	✓		FC10C	FC10
Gatifloxacin 2	✓		GAT2C	GAT2
Gatifloxacin 5		✓	GAT5C	GAT5
Gentamicin 10	✓	✓	GM10C	GM10
Gentamicin 120		✓	GM120C	GM120
Gentamicin 200	✓		GM200C	GM200
Imipenem 10	✓	✓	IMI10C	IMI10
Kanamycin 30		✓	K30C	K30
Levofloxacin 1	✓		LEV1C	
Levofloxacin 5	✓	✓	LEV5C	
Linezolid 10	✓		LZD10C	LZD10
Linezolid 30		✓	LZD30C	
Loracarbef 30		✓	LOR30C	LOR30
Mecillinam 10	✓	✓	MEC10C	
Meropenem 10	✓	✓	MEM10C	MEM10
Methicillin 5	✓	✓	MT5C	MT5
Methicillin 10			MT10C	MT10
Metronidazole 2.5			-	MZ2.5
Metronidazole 5	✓		MZ5C	MZ5
Mezlocillin 75	✓	✓	MEZ75C	
Minocycline 30		✓	MN30C	
Moxifloxacin 1	✓		MFX1C	
Moxifloxacin 5		✓	MFX5C	
Mupirocin 5	✓		MUP5C	MUP5
Mupirocin 20	✓		MUP20C	MUP20
Nalidixic Acid 30	✓	✓	NA30C	NA30
Neomycin 10	✓		NE10C	NE10
Neomycin 30			NE30C	NE30
Netilmicin 10				NET10
Netilmicin 30	✓	✓	NET30C	NET30
Nitrofurantoin 50			NI50C	NI50
Nitrofurantoin 200	✓		NI200C	NI200
Nitrofurantoin 300		✓	NI300C	
Norfloxacin 2	✓		NOR2C	
Norfloxacin 10		✓	NOR10C	NOR10
Novobiocin 5			NO5C	NO5
Novobiocin 30			NO30C	
Ofloxacin 5	✓	✓	OFX5C	OFX5
Oxacillin 1	✓	✓	OX1C	OX1
Oxytetracycline 30			OT30C	
Pefloxacin 5			PEF5C	PEF5
Penicillin G 1 unit	✓		PG1C	PG1
Penicillin G 2 units				PG2
Penicillin G 10 units		✓	PG10C	PG10
Piperacillin 30			PRL30C	
Piperacillin 75	✓		PRL75C	PRL75
Piperacillin 100		✓	PRL100C	PRL100
Piperacillin /Tazobactam 85	✓		PTZ85C	PTZ85
Piperacillin/Tazobactam 110		✓	PTZ110C	
Polymyxin B 300 units			PB300C	PB300

ANTIBIOTIC SUSCEPTIBILTY TESTING

Description			Order Code	
Antibiotic & Strength µg per disc (unless otherwise stated)	**BSAC**	**CLSI**	**Cartridges 5 x 50 discs**	**Vials 100 discs**
Rifampicin 2	✓		RP2C	RP2
Rifampicin 5	✓	✓	RP5C	RP5
Roxithromycin 15			ROX15C	
Spectinomycin 25	✓		SPC25C	
Spectinomycin 100		✓	SPC100C	
Streptomycin 10	✓	✓	S10C	
Streptomycin 25			S25C	
Sulphamethoxazole 100	✓			SMX100
Synercid 15 (Quinupristin/Dalfopristin)	✓	✓	SYN15C	SYN15
Teicoplanin 30	✓	✓	TEC30C	TEC30
Telithromycin 15	✓	✓	TEL15C	
Temocillin 30			TEM30C	
Tetracycline 10	✓		T10C	T10
Tetracycline 30		✓	T30C	T30
Ticarcillin 75	✓	✓	TC75C	TC75
Tigecycline 15		✓	TGC15C	TGC15
Timentin 85	✓	✓	TIM85C	TIM85
Tobramycin 10	✓	✓	TN10C	TN10
Trimethoprim 1.25				TM1.25
Trimethoprim 2.5	✓		TM2.5C	TM2.5
Trimethoprim 5	✓	✓	TM5C	TM5
Tylosin 30			TY30C	TY30
Vancomycin 5	✓		VA5C	VA5
Vancomycin 30		✓	VA30C	VA30
Blank discs			BD0680W/C	BD0638W

ANTIFUNGAL DISCS

Amphotericin B 20	AMB20C	AMB20
Clotrimazole 10	CTM10C	CTM10
Econazole 10	ECN10C	ECN10
Fluconazole 10	FCN10C	FCN10
Fluconazole 25	FCN25C	FCN25
Flucytosine 1	FY1C	FY1
Ketoconazole 10	KCA10C	KCA10
Miconazole 10	MCL10C	MCL10
Nystatin 100	NY100C	NY100

ESBL COMBINATION DETECTION DISCS

	Cartridges 6 x 50 discs	
Extended Spectrum ß Lactamase Set	D52C	
Cefotaxime 30 & Cefotaxime 30/Clavulanic Acid 10	D62C	
Cefepime 30 & Cefepime 30/Clavulanic Acid 10	D63C	Not
Ceftazidime 30 & Ceftazadime 30/Clavulanic Acid 10	D64C	available
Cefpodoxime 10 & Cefpodoxime 10/Clavulanic Acid 1	D66C	

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 inside back cover.

ANTIBIOTIC SUSCEPTIBILTY TESTING

ORDER NO:	PRODUCT	PACKSIZE

METHICILLIN STRIPS

STMT	Methicillin Strips for the detection of MRSA	50 strips

MASTRING-S™

M11	Stock MASTRING-S™ - Systemic GM +ve ring	100 rings
M5	Stock MASTRING-S™ - Systemic GM +ve ring	100 rings
M43	Stock MASTRING-S™ - Systemic GM +ve ring	100 rings
M14	Stock MASTRING-S™ - Systemic GM -ve ring	100 rings
M26	Stock MASTRING-S™ - Systemic urine ring	100 rings
M27	Stock MASTRING-S™ - Systemic urine ring	100 rings
M51	Stock MASTRING-S™ - Systemic urine ring	100 rings

The same price applies to 6 and 8 drug rings.
(100 rings per tin)

MASTRING-S™ TO SPECIAL ORDER

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.

Please refer to MAST Custom Manufacturing Policy on inside back cover.

ADATAB™

For agar dilution antibiotic susceptibility testing — 1 tablet per 100ml

ADATAB™ Each pack contains 25 tablets, each tablet for addition to 100ml medium.

TAB/AK0.8	AMIKACIN 0.8mg	25 tablets
TAB/AK3.2	AMIKACIN 3.2mg	25 tablets
TAB/A0.1	AMOXYCILLIN 0.1mg	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/AZL1.6	AZLOCILLIN 1.6mg	25 tablets
TAB/AZL6.4	AZLOCILLIN 6.4mg	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/CRO0.1	CEFTRIAXONE 0.1mg	25 tablets
TAB/CRO0.8	CEFTRIAXONE 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/CFX0.2	CEPHALEXIN 0.2mg	25 tablets
TAB/CFX3.2	CEPHALEXIN 3.2mg	25 tablets
TAB/KF0.8	CEPHALOTHIN 0.8mg	25 tablets
TAB/KF3.2	CEPHALOTHIN 3.2mg	25 tablets
TAB/CRD0.8	CEPHRADINE 0.8mg	25 tablets

ANTIBIOTIC SUSCEPTIBILTY TESTING

ORDER NO:	PRODUCT	PACKSIZE
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/TS1.6	COTRIMOXAZOLE 1.6mg	25 tablets
TAB/TS6.4	COTRIMOXAZOLE 6.4mg	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/MT0.4	METHICILLIN 0.4mg	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/NOR0.4	NORFLOXACIN 0.4mg	25 tablets
TAB/NO0.2	NOVOBIOCIN 0.2mg	25 tablets
TAB/OX0.1	OXACILLIN 0.1mg	25 tablets
TAB/PG0.006	PENICILLIN G 0.006 units	25 tablets
TAB/PG0.025	PENICILLIN G 0.025 units	25 tablets
TAB/PG0.2	PENICILLIN G 0.2 units	25 tablets
TAB/PG0.8	PENICILLIN G 0.8 units	25 tablets
TAB/PTZ1.6	PIPERACILLIN /TAZOBACTAM 1.6mg	25 tablets
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/TEC0.8	TEICOPLANIN 0.8mg	25 tablets
TAB/T0.1	TETRACYCLINE0.1mg	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™ can generally be made to special order up to a maximum of 12.8 mg per tablet and provided MAST can obtain the antibiotic powder. Lead time 4 -6 weeks — 25 tablets

Please refer to MAST Custom Manufacturing Policy on inside back cover.

ANTIBIOTIC SUSCEPTIBILTY TESTING

MAST ID™

MAST ID™ Biochemical tests in agar for microbial identification using multipoint inoculation. Each pack contains 10 x 200ml preweighed sachets.

ORDER NO:	PRODUCT	PACKSIZE
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
IDM24/A	Gelatin Agar	1 pack
IDM3/A	Glucose Agar	1 pack
IDM25/A	H_2S 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
IDM7/A	Melibiose 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)	10 x 10ml

INSTRUMENTATION

ORDER NO:	PRODUCT	PACKSIZE
mastascanelite™ **SYSTEM** (refer also to Disc Diffusion)		
	The mastascanelite™ **SYSTEM is a computerised automated image analysis system for microbiology. mastascan**elite™ **consists of a state of the art plate reader, PC and monitor.**	
	Windows- based software modules are designed for the following applications: **1. Disc Diffusion Inhibition zones** **2. Multipoint Technology (Breakpoint, MIC and ID)** **3. Microtitre Urine Screening** **4. Data Analysis (Epidemiology & Expert System)** **5. QC/Data Input Module** **All systems are provided with Microsoft Office, modem and 12 months on-site maintenance.**	
SCAN1	**mastascan**elite™ System with Disc Diffusion software module	1
SCAN2	**mastascan**elite ™System with Multipoint Technology	1
SCAN3	**mastascan**elite™ System with Microtitre Urine Screening software module	1
SCAN4	**mastascan**elite™ Interface	1
SCAN10	**mastascan**elite™ Inkjet Printer	1
SCAN11	**mastascan**elite™ Software and Hardware upgrade	1
	Additional Modules	
ELITE1	Disc Diffusion Software Module	1
ELITE2	Multipoint Technology Software Module	1
ELITE3	Microtitre Urine Screening Software and hardware module	1
ELITE4	Data Analysis Module for epidemiology & expert analysis	1
ROTARY PLATER INOCULATOR		
ROP157	Rotary Plater for disc diffusion testing with vacuum operated footswitch, neon indicator, arm and screw clamp head.	1

INSTRUMENTATION

MAST REDIPREP™ URINE SCREEN PLATES

A range of pre-poured agars in 96 well microtitre format for use with the MAST Urine Screening System.

Available only on special contract with licensed software.
Sets of plates are provided to suit individual laboratory requirements.

The plates highlighted in BOLD are essential for optimal performance of the mastascanelite™

ORDER NO:	PRODUCT		PACKSIZE
	MAST REDIPREP™ Urine Screen Plates.		
	Routine plates include:		Individual sets of plates to suit specific lab requirements
	Control Plates		
MPM-CON	**Background Plate (uninoculated)**		
MPM-CON	**Control Plate (inoculated)**		
MPM-IDM55	**Chromagenic**		
MPM-DM110	CLED		
	Identification Plates		Individual sets of plates to suit specific lab requirements
MPM-IDM54	AMA Agar (Detection of antibiotics in urine)		
MPM-IDM51	Aesculin Agar		
MPM-IDM53	BGA Agar		
MPM-IDM57	Glucose Agar		
MPM-GPOS	**Gram positive plate**		
MPM-IDM50	Inositol Agar		
MPM-ONPG	ONPG Agar		
MPM-IDM52	Phenylalanine Agar		
MPM-IDM36	PYO Agar		
MPM-DM229	Urea Agar		
	Antibiotic Susceptibility Test Plates		Individual sets of plates to suit specific lab requirements
MPM-AP32	Ampicillin	32mg/l	
MPM-AUG32	Augmentin	32mg/l	
MPM-CRO32	Ceftriaxone	32mg/l	
MPM-CXM32	Cefuroxime	32mg/l	
MPM-CFX32	Cephalexin	32mg/l	
MPM-CPD4	Cefpodoxime	4mg/l	
MPM-CRD32	Cephradine	32mg/l	
MPM-CIP1	Ciprofloxacin	1mg/l	
MPM-CIP4	Ciprofloxacin	4mg/l	
MPM-CIP8	Ciprofloxacin	8mg/l	
MPM-GM1	Gentamicin	1mg/l	
MPM-GM8	Gentamicin	8mg/l	
MPM-MEC8	Mecillinam	8mg/l	
MPM-NI32	Nitrofurantoin	32mg/l	
MPM-NI64	Nitrofurantoin	64mg/l	
MPM-NOR4	Norfloxacin	4mg/l	
MPM-TM2	Trimethoprim	2mg/l	

Additional identification plates can also be supplied using any media chosen from the MAST-ID range.

INSTRUMENTATION

ORDER NO:	PRODUCT	PACKSIZE
AUTOMATIC MULTIPOINT INOCULATOR		
SCAN4000	**multipoint**elite™ 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 inoculum pins	1 Set
SCANES019N	Equipment set for 19 point inoculation - Stainless steel inoculum pot and head, with 19 inoculum pins (CLSI)	1 Set
SCANES036	Equipment set for 36 point inoculation - Stainless steel pot and head, with 36 inoculum pins	1 Set
SCANES036N	Equipment set for 36 point inoculation - Stainless steel pot and head, with 36 inoculum pins (CLSI)	1 Set
SCANES096	Equipment set for 96 point inoculation - stainless steel inoculum head & 96 pins (for use with microtitre tray)	1 Set
SCANES096N	Equipment set for 96 point inoculation - stainless steel inoculum head & 96 pins (CLSI- for use with microtitre tray)	1 Set
SCAN 110	Inoculum pin, stainless steel	1
SCAN 110N	Inoculum pin, stainless steel (CLSI)	1
SCAN111SS	Inoculum head, 19 pin, steel	1
SCAN112SS	Inoculum head, 36 pin steel	1
SCAN113SS	Inoculum pot, 19 well, steel	1
SCAN114SS	Inoculum pot, 36 well, steel	1
SCAN 496	Inoculum head, 96 pin, stainless steel	1
SCAN 496N	Inoculum head, 96 pin, stainless steel (CLSI)	1
SCAN 120	Marker Assembly (Spare)	1

CULTURE MEDIA & SUPPLEMENTS

CLINICAL & INDUSTRIAL CULTURE MEDIA

Available from Stock

ORDER NO:	PRODUCT	PACKSIZE
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
DM604D	Isotonic Sensitivity Test Agar	500g
DM600D	Kirchner Base (Liquid)	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 Agent Base	500g

CLINICAL & INDUSTRIAL CULTURE MEDIA

Available as Special order items, Please refer to MAST Custom Manufacturing Policy on inside back cover.

ORDER NO:	PRODUCT	PACKSIZE
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
DM604E	Isotonic Sensitivity Test Agar	5kg
DM600E	Kirchner Base (Liquid)	5kg
DM137E	Kligler's Iron Agar	5kg
DM138-1E	Kohn's No.1 Medium	5kg
DM258E	Legionella BCYE Agar Base	5kg
DM256E	Listeria Selective Agent Base	5kg

CULTURE MEDIA & SUPPLEMENTS

CLINICAL & INDUSTRIAL CULTURE MEDIA

Available from Stock

ORDER NO:	PRODUCT	PACKSIZE
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
DM220D	Thioglycollate Broth	500g
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 10ml
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 inside back cover.

ORDER NO:	PRODUCT	PACKSIZE
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
DM220E	Thioglycollate Broth	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

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

BASIC MEDIA RAW MATERIALS

ORDER NO:	PRODUCT	PACKSIZE
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

CULTURE MEDIA & SUPPLEMENTS

SELECTIVE SUPPLEMENTS

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

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. Please refer to MAST Custom Manufacturing Policy on inside back cover.

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
	ß- Lactamase Induction		
MS14	ß-Lactamase Inducer Selectatab	1 tab per 100ml	25 tablets
DM215D	DST Agar		500g
DM215E	DST Agar		5Kg
	Bordetella Selection		
MS10	Cephalexin Selectatab	1 tab per 100ml	25 tablets
DM109D	Charcoal Agar		500g
DM109E	Charcoal Agar		5Kg

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT		PACKSIZE
	Burkholderia cepacia Selection	**USAGE**	
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
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
	Campylobacter Selective Enrichment		
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
	C.E.M.O Selection (T.equigenitalis)		
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
DM470D	C.E.M.O Agar		500g
DM470E	C.E.M.O Agar		5Kg
	Clostridium difficile Selection		
SV23	Clostridium difficile Selectavial	1 vial per 500ml	10 vials
DM254D	Clostridium difficile Medium		500g
DM254E	Clostridium difficile Medium		5Kg

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT		PACKSIZE
	E.coli 0157 Selection	**USAGE**	
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
	E.coli 0157 Enrichment		
DM494D	Buffered Peptone water		500g
DM494E	Buffered Peptone water		5Kg
SV30	Novobiocin Selectavial	1 vial per 2.25 litre	10 vials
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
	Gardnerella Selection		
MS15	Gardnerella Selectatab	1 tab per 250ml	25 tablets
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg
	G.C. Selection		
SV5	G.C. Selectavial (V.C.T.)	1 vial per litre	10 vials
MS6	G.C. Selectatab (V.C.N.T.)	1 tab per 250ml	25 tablets
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
MS20	G.C. Selectatab (L.C.A.T.)	1 tab per 250ml	25 tablets
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
YD1	Yeast Dialysate		12 x 25ml
YD2	Yeast Dialysate		6 x 100ml
	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
	Haemophilus Growth Supplement		
SV62	Haemophilus Growth Supplement	1 vial per litre	10 vials
DM115D	Columbia Agar		500g
DM115E	Columbia Agar		5Kg

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT		PACKSIZE
	Legionella Selection	**USAGE**	
SV36	Legionella Selectavial (MWY)	1 vial per 500ml	10 vials
SV37	Legionella Selectavial (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
	Mycobacteria Selection		
MS24	Mycobacteria Selectatab (Kirchner)	1 tab per 500ml	10 tablets
SV40	Sputagest Selectavial	1 vial per 100ml	10 vials
DM600D	Kirchner Base (Liquid)		500g
DM600E	Kirchner Base (Liquid)		5Kg
	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

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT		PACKSIZE
	Staphylococcus aureus Isolation	**USAGE**	
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
	Staphylococcus aureus Isolation (Methicillin resistant)		
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
	Streptococcus Selection		
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
	Staphylococcus/Streptococcus Selection		
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
	Yersinia Selection		
MS19	Yersinia Selectatab	1 tab per 250ml	25 tablets
DM252D	Yersinia Agar Base		500g
DM252E	Yersinia Agar Base		5Kg
	Yeast & Mould Isolation		
SV54	Chloramphenicol Selectavial	1 vial per 500ml	10 vials
SV204	Oxytetracycline Selectavial	1 vial per 500ml	10 vials
DM200D	Sabouraud Dextrose Agar		500g
DM200E	Sabouraud Dextrose Agar		5Kg
DM702D	Yeast Glucose Chloramphenicol Agar		500g
DM702E	Yeast Glucose Chloramphenicol Agar		5Kg

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 inside back cover.

CULTURE MEDIA & SUPPLEMENTS

ORDER NO:	PRODUCT	PACKSIZE
READY TO USE SUPPLEMENTS		
YD1	Yeast dialysate	12 x 25ml
YD2	Yeast dialysate	6 x 100ml
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 *Candida albicans, Candida tropicalis* and other *Candida spp.*	10 x 100ml sachets
IDM40D	MAST ID™ CHROMagar® Candida For the detection and identification of *Candida albicans, Candida tropicalis* and other *Candida spp.*	500g
MAST - POURITE™ **Anti-bubble Agent for Agar Based Media**		
MP1	MAST-POURITE™	15ml
MP1A	MAST-POURITE™	60ml
MAST REDIPREP® PREPARED EGG MEDIA **Isolation Egg Media. Pack of 50 slopes.**		
EM100	Löwenstein-Jensen Medium	1 Pack
EM102	Löwenstein-Jensen Medium with Pyruvate	1 Pack
EM200	Acid Egg Medium	1 Pack
EM202	Acid Egg Medium with Pyruvate	1 Pack
MAST REDIPREP® BLOOD CULTURE BOTTLES **A range of high quality sterile blood culture media made to Special Order. Packed in quantities of 100 x 50ml bottles (10x10) per box. Lead time 6-8 weeks.**		
BC100B	Tryptone Soy Broth	10 x 10 bottles
BC200B	Brain Heart Infusion Broth	10 x 10 bottles
BC300B	Thioglycollate Broth	10 x 10 bottles
BC500	MASTGROW™	10 x 10 bottles

CULTURE MEDIA & SUPPLEMENTS

SELECTIVE SUPPLEMENTS

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

ORDER NO:	PRODUCT	USAGE	PACKSIZE
MS25	Actinomycete Selectatab	1 tab per 100ml	25 tablets
MS22	*Burkholderia cepacia* Selectatab	1 tab per 100ml	25 tablets
SV22	*Burkholderia cepacia* 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	Clostridium difficile Selectavial	1 vial per 500ml	10 vials
SV16	G.C. Growth Selectavial	1 vial per litre	10 vials
MS20	G.C. Selectatab (L.C.A.T.)	1 tab per 250ml	25 tablets
MS6	G.C. Selectatab (V.C.N.T.)	1 tab per 250ml	25 tablets
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
SV62	Haemophilus Growth Supplement	1 vial per litre	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 Selectavials (MWY)	1 vial per 500ml	10 vials
SV37	Legionella Selectavials (PNV)	1 vial per 500ml	10 vials

CULTURE MEDIA & SUPPLEMENTS

SELECTIVE SUPPLEMENTS

ORDER NO:	PRODUCT	USAGE	PACKSIZE
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
MS24	Mycobacteria Selectatab (Kirchner)	1 tab per 500ml	10 tablets
SV82	NAD Selectavial	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
SV204	Oxytetracycline Selectavial	1 vial per 500ml	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
MS14	ß-Lactamase Inducer Selectatab	1 tab per 100ml	25 tablets
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

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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 postitive 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 *Campylobacter spp.*	10 tests
MAST RAPID SLIDE LATEX TESTS & ASSOCIATED PRODUCTS		
RST 101	MASTASTAPH™ Latex agglutination test for identification of *Staph.aureus* (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
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 *Staphylococcus aureus*	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. Complete kit for detection of Toxoplasma antibody comprising latex suspension, buffer and positive control serum.	50 tests
RAPID DETECTION OF ß-LACTAMASE PRODUCTION		
ETO/1	MAST ID™ Intralactam Strips	25 strips
ETO2	MAST ID™ Intralactam Circles	10 circles
MS14	ß-Lactamase Inducer Selectatab™	25x100ml tabs
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

IDENTIFICATION PRODUCTS

IDENTIFICATION OF HAEMOPHILUS SPP.

ORDER NO:	PRODUCT	PACKSIZE
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
H-306	GT Staphylococcus *	12 test
H-30696	GT Staphylococcus *	96 test
	A molecular biology test system for the rapid simultaneous detection of the most common CNS staphylococci in addition to confirmation of MRSA and PVL from cultured material	

MAST ID™ IDENTIFICATION DISCS IN VIALS

		For presumptive Identification of:	Discs
D40	Bacitracin Discs (0.04i.u.)	Group A streptococci	100
D41	Bacitracin Discs (0.1i.u.)	Group A streptococci	100
D42	Optochin Discs	*Strep.pneumoniae*	100
D43	X Factor Discs	*Haemophilus spp.*	100
D44	V Factor Discs	*Haemophilus spp.*	100
D45	X+V Factor Discs	*Haemophilus spp.*	100
D46	Metronidazole Discs	*Gardnerella vaginalis*	100
D47	Sulphathiazole Discs	*Gardnerella vaginalis*	100
D48	Lysostaphin Discs	Staphylococci/micrococci	50
D49	ALA Discs	*Haemophilus spp.*	100
D55	SPS Discs	*P.anaerobius*	100
D57	Oxidase Discs	*Pseudomonas spp.*	100
D59	Nitrocefin Discs	*ß* lactamase *Detection*	50

MAST ID™ IDENTIFICATION DISCS IN CARTRIDGES

		For presumptive Identification of :	Discs
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	*Strep.pneumoniae*	5 x 50
D43C	X Factor Discs	*Haemophilus spp.*	5 x 50
D44C	V Factor Discs	*Haemophilus spp.*	5 x 50
D45C	X+V Factor Discs	*Haemophilus spp.*	5 x 50
D46C	Metronidazole Discs	*Gardnerella vaginalis*	5 x 50
D47C	Sulphathiazole Discs	*Gardnerella vaginalis*	5 x 50
D51C	Nitrate Discs	Nitrate Reductase in anaerobes	5 x 50
D55C	SPS Discs	*P. anaerobius*	5 x 50
D57C	Oxidase Discs	*Pseudomonas spp.*	5 x 50

*** Hain LifeScience® Products are available from Mast in the UK and via selected Mast distributors in Ireland, Australia, New Zealand, and throughout the Middle East.**
If in doubt, please contact Mast Group Ltd to confirm availability.

IDENTIFICATION PRODUCTS

ESßL DETECTION DISCS

ORDER NO:	PRODUCT	PACKSIZE
D52C	Extended Spectrum β Lactamase Set	6 x 50
D62C	Cefotaxime 30 & Cefotaxime 30/Clavulanic Acid 10	6 x 50
D63C	Cefepime 30 & Cefepime 30/Clavulanic Acid 10	6 x 50
D64C	Ceftazidime 30 & Ceftazidime 30/Clavulanic Acid 10	6 x 50
D66C	Cefpodoxime 10 & Cefpodoxime 10/Clavulanic Acid 1	6 x 50

RAPID DETECTION OF ESßL

Cica Beta Test products are available from Mast and its distributors throughout Europe, South Africa and the Middle East. If in doubt, please contact Mast Group Ltd to confirm availability.

A range of ID Strip tests for rapid detection of ESßL from Kanto Chemical Company Inc

717562-1	CICA-BETA 1	Preliminary screening kit	40 Tests
717562-2	CICA-BETA MBL	Metallo ß-lactamase	40 Tests
717562-3	CICA-BETA CVA	ESßL confirmation	40 Tests
717562-8	CICA-BETA C	Amp C detection	40 Tests

IDENTIFICATION OF MRSA

MRSA-ID	MASTASCREEN™- MRSA PLUS Kit For the selective screening of MRSA in clinical samples	48 Tests
RST501	MASTALEX-MRSA™ Rapid Latex Test for the detection of Methicillin resistant *Staphylococcus aureus*	48 Tests
H-30512	GT MRSA *	12 tests
H-30596	GT MRSA A molecular biology test for the rapid simultaneous differentiation of *Staph.aureus* and *Staph.epidermidis* in addition to the confirmation of MRSA and PVL (linked with community acquired MRSA/Staph) from cultured material.	96 tests
H-306	GT Staphylococcus *	12 tests
H-30696	GT Staphylococcus A molecular biology test system for the rapid simultaneous detection of the most common CNS staphylococci in addition to confirmation of MRSA.	96 tests
H-308	GT MRSA Direct *	12 tests
H-30896	GT MRSA Direct	96 tests
H-31296	GQ MRSA A molecular biology test for the direct detection of MRSA from clinical swabs.	96 tests
STMT	Methicillin Strips (50 per tin)	1 tin
MS29	MRSA (Oxacillin) Selectatab™	25x100ml tabs
SV29	MRSA (Oxacillin) Selectavial™	10x 1litre vials
OX1	Oxacillin Susceptibility Discs in Vials	100 discs/vial
OX1C	Oxacillin Susceptibility Discs in Cartridges	5 x 50 discs
MT5	Methicillin Susceptibility Discs in Vials	100 discs/vial
MT5C	Methicillin Susceptibility Discs in Cartridges	5 x 50 discs

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IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
IDENTIFICATION OF MRSA (Cont.)		
TAB/MT0.4	Methicillin 0.4 Adatab™	25x100ml 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 OF CANDIDA SPP.		
IDM40/L	MAST ID™ CHROMagar® Candida For the detection and identification of *Candida albicans*, *Candida tropicalis* and other *Candida spp.* sachets	10 x 100ml
IDM40D	MAST ID™ CHROMagar® Candida For the detection and identification of *Candida albicans, Candida tropicalis* and other *Candida spp.*	500g
IDENTIFICATION OF VRE		
H-888	GT Enterococcus *	12 tests
H-88896	GT Enterococcus A molecular biology test for rapid, simultaneous differentiation of enterococcal species and identification of vancomycin resistant enterococci from cultured material.	96 tests
IDENTIFICATION OF CORYNEBACTERIUM DIPHTHERIAE		
CORYNE-ID	MAST ID™ *Corynebacterium diphtheriae* identification system. A 3 test biochemical system for the presumptive identification of *Corynebacterium diphtheriae*	10 Tests

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IDENTIFICATION PRODUCTS

MAST ASSURE™ ANTISERA - STOCK LIST

E.COLI O ANTISERA - MONOVALENT

ORDER NO:	PRODUCT		PACKSIZE
M12014	*Escherichia coli* Factor	O26	2ml
M12016	*Escherichia coli* Factor	O111	2ml
M12017	*Escherichia coli* Factor	O119	2ml
M12018	*Escherichia coli* Factor	O127a	2ml
M12030	*Escherichia coli* Factor	O157	2ml
M12048	*Escherichia coli* Factor	O112ac	2ml

E.COLI O ANTISERA - POLYVALENT

M14263	*E.coli* POLY 2 Factors O26, O55, O111, 0119, O126		2ml
M14270	*E.coli* POLY 3 Factors O86, O114, O125, O127, O128		2ml
M14287	*E.coli* POLY 4 Factors O44, O112, O124, O142		2ml
M12005	POLYVALENT D1(O1, O26, O86a, O111, O119, O127a, O128)		2ml
M12006	POLYVALENT D2 (O44, O55, O125, O126, O146, O166)		2ml
M12007	POLYVALENT D3 (O18, O114, O142, O151, O157, O158)		2ml
M12008	POLYVALENT D4 (O6, O27, O78, O148, O159, O168)		2ml
M12009	POLYVALENT D5 (O20, O25, O63, O153, O167)		2ml
M12010	POLYVALENT D6 (O8, O15, O115, O169)		2ml
M12011	POLYVALENT D7 (O28ac, O112ac, O124, O136, O144)		2ml
M12012	POLYVALENT D8 (O29, O143, O152, O164)		2ml

HAEMOPHILUS INFLUENZAE ANTISERA

M11303	*H.influenzae* Type b		2ml

SALMONELLA O ANTISERA - MONOVALENT

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	O3,10	2ml
M10320	Salmonella O Factor	O13	2ml
M10321	Salmonella O Factor	O6,14	2ml
M10326	Salmonella O Factor	Vi	2ml

SALMONELLA H ANTISERA - MONOVALENT

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

IDENTIFICATION PRODUCTS

MAST ASSURE™ ANTISERA - STOCK LIST

SALMONELLA H ANTISERA - MONOVALENT (cont)

ORDER NO:	PRODUCT		PACKSIZE
M10367	Salmonella H Factor	q	2ml
M10368	Salmonella H Factor	s	2ml
M10369	Salmonella H Factor	t	2ml
M10376	Salmonella H Factor	x	2ml

SALMONELLA O ANTISERA - POLYVALENT

M10308	POLY O	Factor O2, O4, O7, O8, O9, O9, 46, O3, 10 and O1,3,19	2ml
M10309	POLY O1	Factor O11, O13, O6, 14, O16, O18, O21, O35	2ml
M14294	POLY O	A-G	2ml
M14300	POLY O	A-S	2ml
M92537	Omnivalent (Kauffmann-White group A-067)		2ml

SALMONELLA H ANTISERA - POLYVALENT

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

SHIGELLA ANTISERA - MONOVALENT

M10116	*Shigella dysenteriae*	Type 1	2ml
M10126	*Shigella flexneri*	Type I	2ml
M10127	*Shigella flexneri*	Type II	2ml
M10130	*Shigella flexneri*	Type V	2ml
M10131	*Shigella flexneri*	Type VI	2ml
M10132	*Shigella flexneri*	Group (3)4	2ml
M10136	*Shigella boydii*	Type 2	2ml
M10150	*Shigella sonnei*	Phase I	2ml
M10151	*Shigella sonnei*	Phase II	2ml

SHIGELLA ANTISERA - POLYVALENT

M10109	*S.dysenteriae* POLY A	Types 1, 2, 3, 4, 5, 6, 7	2ml
M10110	*S.dysenteriae* POLY A1	Types 8, 9, 10, 11, 12	2ml
M10111	*S.flexneri* POLY B	Types I, II, III, IV, V, VI, & Groups (3)4, 6 & 7 (8)	2ml
M10112	*S.boydii* POLY C	Types 1, 2, 3, 4, 5, 6, 7	2ml
M10113	*S.boydii* POLY C1	Types 8, 9, 10, 11	2ml
M10114	*S.boydii* POLY C2	Types 12, 13, 14, 15	2ml
M10154	*S.boydii* POLY C3	Types 16, 17, 18	2ml
M10115	*S.sonnei* POLY D	Phase I & II	2ml

VIBRIO ANTISERA

M11002	*Vibrio cholerae* POLY (INABA, OGAWA)		2ml
M11003	*Vibrio cholerae* INABA		2ml
M11004	*Vibrio cholerae* OGAWA		2ml
M15001	*Vibrio cholerae* O139 (Bengal)		2ml

IDENTIFICATION PRODUCTS

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

BORDETELLA ANTISERA

ORDER NO:	PRODUCT		PACKSIZE
M11501	***Bordetella pertussis* Antiserum** This antiserum agglutinates Phase I *B.pertussis* but does not haemagglutinate Phase III *B.pertussis*, *B.parapertussis*, nor *B.bronchiseptica*.	No CE Mark	2ml

CAMPYLOBACTER ANTISERA SET

M13001	**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	No CE Mark	26 x 2ml

CAMPYLOBACTER ANTISERA

M13002	Campylobacter group A antiserum	No CE Mark	2ml
M13003	Campylobacter group B antiserum	No CE Mark	2ml
M13004	Campylobacter group C antiserum	No CE Mark	2ml
M13005	Campylobacter group D antiserum	No CE Mark	2ml
M13006	Campylobacter group E antiserum	No CE Mark	2ml
M13007	Campylobacter group F antiserum	No CE Mark	2ml
M13008	Campylobacter group G antiserum	No CE Mark	2ml
M13009	Campylobacter group I antiserum	No CE Mark	2ml
M13010	Campylobacter group J antiserum	No CE Mark	2ml
M13011	Campylobacter group K antiserum	No CE Mark	2ml
M13012	Campylobacter group L antiserum	No CE Mark	2ml
M13013	Campylobacter group N antiserum	No CE Mark	2ml
M13014	Campylobacter group O antiserum	No CE Mark	2ml
M13015	Campylobacter group P antiserum	No CE Mark	2ml
M13016	Campylobacter group R antiserum	No CE Mark	2ml
M13017	Campylobacter group S antiserum	No CE Mark	2ml
M13018	Campylobacter group U antiserum	No CE Mark	2ml
M13019	Campylobacter group V antiserum	No CE Mark	2ml
M13020	Campylobacter group Y antiserum	No CE Mark	2ml
M13021	Campylobacter group Z antiserum	No CE Mark	2ml
M13022	Campylobacter group Z2 antiserum	No CE Mark	2ml
M13023	Campylobacter group Z4 antiserum	No CE Mark	2ml
M13024	Campylobacter group Z5 antiserum	No CE Mark	2ml
M13025	Campylobacter group Z6 antiserum	No CE Mark	2ml
M13026	Campylobacter group Z7 antiserum	No CE Mark	2ml
M13027	Reference antiserum	No CE Mark	2ml
M42201	**Reagent for preparing Sensitized Blood Cells**	No CE Mark	5 tests
	Fixed Chick RBCs	No CE Mark	25ml x 1 vial
	Extraction Reagent-1	No CE Mark	13ml x 1 vial
	Extraction Reagent-2	No CE Mark	13ml x 1 vial
	Extraction Reagent-3	No CE Mark	13ml x 1 vial
	Buffer solution	No CE Mark	50ml x 2 vials

IDENTIFICATION PRODUCTS

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

CLOSTRIDIUM PERFRINGENS TYPE A ANTISERA (HEAT RESISTANT C.WELCHII: HOBBS 1952)

ORDER NO:	PRODUCT		PACKSIZE
M10601	***Clostridium perfringens* 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, 12 and 13 Polyvalent IV: Type 14, 15, 16 and 17 **Monovalent** Type 1~17	No CE Mark	2ml x 21
	***Clostridium perfringens* type listed below**		
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	*C. perfringens* type 1	No CE Mark	2ml
M10609	*C. perfringens* type 2	No CE Mark	2ml
M10610	*C. perfringens* type 3	No CE Mark	2ml
M10611	*C. perfringens* type 4	No CE Mark	2ml
M10612	*C. perfringens* type 5	No CE Mark	2ml
M10613	*C. perfringens* type 6	No CE Mark	2ml
M10614	*C. perfringens* type 7	No CE Mark	2ml
M10615	*C. perfringens* type 8	No CE Mark	2ml
M10616	*C. perfringens* type 9	No CE Mark	2ml
M10617	*C. perfringens* type 10	No CE Mark	2ml
M10618	*C. perfringens* type 11	No CE Mark	2ml
M10619	*C. perfringens* type 12	No CE Mark	2ml
M10620	*C. perfringens* type 13	No CE Mark	2ml
M10621	*C. perfringens* type 14	No CE Mark	2ml
M10622	*C. perfringens* type 15	No CE Mark	2ml
M10623	*C. perfringens* type 16	No CE Mark	2ml
M10624	*C. perfringens* type 17	No CE Mark	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

E.COLI ANTISERA

M12001	***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: 029, 0143, 0152, and 0164 **Monovalent Sera** All individual types constituting above polyvalent sera.	2ml x 51
M12002	***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, 41, 42, 45 and 51	5ml x 22

E.COLI O ANTISERA MONOVALENT

M12013	*E.coli* O1	2ml
M12015	*E.coli* O86a	2ml
M12019	*E.coli* O128	2ml
M12020	*E.coli* O44	2ml
M12021	*E.coli* O55	2ml
M12022	*E.coli* O125	2ml
M12023	*E.coli* O126	2ml
M12024	*E.coli* O146	2ml
M12025	*E.coli* O166	2ml
M12026	*E.coli* O18	2ml
M12027	*E.coli* O114	2ml
M12028	*E.coli* O142	2ml
M12029	*E.coli* O151	2ml
M12031	*E.coli* O158	2ml
M12032	*E.coli* O6	2ml
M12033	*E.coli* 027	2ml
M12034	*E.coli* O78	2ml
M12035	*E.coli* O148	2ml
M12036	*E.coli* O159	2ml
M12037	*E.coli* O168	2ml
M12038	*E.coli* O20	2ml
M12039	*E.coli* O25	2ml
M12040	*E.coli* O63	2ml
M12041	*E.coli* O153	2ml
M12042	*E.coli* O167	2ml
M12043	*E.coli* O8	2ml
M12044	*E.coli* O15	2ml
M12045	*E.coli* O115	2ml
M12046	*E.coli* O169	2ml
M12047	*E.coli* O28ac	2ml
M12049	*E.coli* O124	2ml
M12050	*E.coli* O136	2ml
M12051	*E.coli* O144	2ml
M12052	*E.coli* O29	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

E.COLI O ANTISERA MONOVALENT (cont.)

M12053	*E.coli* O143		2ml
M12054	*E.coli* O152		2ml
M12055	*E.coli* O164		2ml

E.COLI H ANTISERA MONOVALENT

M12056	*E.coli* H-2		5ml
M12057	*E.coli* H-4		5ml
M12058	*E.coli* H-5		5ml
M12059	*E.coli* H-6		5ml
M12060	*E.coli* H-7		5ml
M12061	*E.coli* H-9		5ml
M12062	*E.coli* H-10		5ml
M12063	*E.coli* H-11		5ml
M12064	*E.coli* H-12		5ml
M12065	*E.coli* H-16		5ml
M12066	*E.coli* H-18		5ml
M12067	*E.coli* H-19		5ml
M12068	*E.coli* H-20		5ml
M12069	*E.coli* H-21		5ml
M12070	*E.coli* H-27		5ml
M12071	*E.coli* H-28		5ml
M12072	*E.coli* H-34		5ml
M12073	*E.coli* H-40		5ml
M12074	*E.coli* H-41		5ml
M12075	*E.coli* H-42		5ml
M12076	*E.coli* H-45		5ml
M12077	*E.coli* H-51		5ml

TOXIGENIC E.COLI PILI ANTISERA

M11601	**Toxigenic *Escherichia coli* Pili Antisera Set** This set consists of the following K88, K99 and 987P	No CE Mark	5ml x 3
M11602	*E.coli* K88	No CE Mark	5ml
M11603	*E.coli* K99	No CE Mark	5ml
M11604	*E.coli* 987P	No CE Mark	5ml

HAEMOPHILUS INFLUENZAE ANTISERA

M11301	*Haemophilus influenzae* Antisera Set This set consists of: Type a, b, c, d, e and f ***Haemophilus influenzae* type listed below**		2ml x 6
M11302	*H.influenzae* Type a		2ml
M11304	*H.influenzae* Type c		2ml
M11305	*H.influenzae* Type d		2ml
M11306	*H.influenzae* Type e		2ml
M11307	*H.influenzae* Type f		2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
	MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST		
	All products - 8 weeks delivery.		
	LEGIONELLA O-GROUPING SERA		
M11701	**Legionella O-Grouping Antisera Set**		2ml x 10
	This set consists of:		
	L.pneumophilia 1~6, *L.bozemanii, L.dumoffi, L.gormanii* and *L.micdadei*		
	Legionella O-Group listed below		
M11702	*L.pneumophilia* Group 1		2ml
M11703	*L.pneumophilia* Group 2		2ml
M11704	*L.pneumophilia* Group 3		2ml
M11705	*L.pneumophilia* Group 4		2ml
M11706	*L.pneumophilia* Group 5		2ml
M11707	*L.pneumophilia* Group 6		2ml
M11708	*L.bozemanii*		2ml
M11709	*L.dumoffi*		2ml
M11710	*L.gormanii*		2ml
M11711	*L.micdadei*		2ml
	LISTERIA ANTISERA		
M14362	**Listeria 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		2ml x 8 vials
	H antisera: H-A, H-AB, H-C and H-D		5ml x 4 vials
M14379	Listeria O I/II antiserum		2ml
M14386	Listeria O I antiserum		2ml
M14393	Listeria O IV antiserum		2ml
M14409	Listeria O V/VI antiserum		2ml
M14416	Listeria O VI antiserum		2ml
M14423	Listeria O VII antiserum		2ml
M14430	Listeria O VIII antiserum		2ml
M14447	Listeria O IX antiserum		2ml
M14454	Listeria H-A antiserum		5ml
M14461	Listeria H-AB antiserum		5ml
M14478	Listeria H-C antiserum		5ml
M14485	Listeria H-D antiserum		5ml
	PSEUDOMONAS ANTISERA		
M10702	***Pseudomonas aeruginosa* Antisera Set**	No CE Mark	2ml x 17
	This set consists of 3 Polyvalent and 14 Monovalent antisera.		
	Polyvalent		
	Polyvalent I: A, C, H, I and L		
	Polyvalent II: B, J, K and M		
	Polyvalent III: D, E, F, G and N		
	Monovalent		
	Type A, B, C, D, E, F, G, H, I, J, K, L, M and N		
	***Pseudomonas aeruginosa* Antisera type listed below**		
M10704	Polyvalent I: A, C, H, I and L	No CE Mark	2ml
M10705	Polyvalent II: B, J, K and M	No CE Mark	2ml
M10706	Polyvalent III: D, E, F, G and N	No CE Mark	2ml
M10707	*Pseudomonas aeruginosa* Group A	No CE Mark	2ml
M10712	*Pseudomonas aeruginosa* Group B	No CE Mark	2ml
M10708	*Pseudomonas aeruginosa* Group C	No CE Mark	2ml
M10716	*Pseudomonas aeruginosa* Group D	No CE Mark	2ml
M10717	*Pseudomonas aeruginosa* Group E	No CE Mark	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT			PACKSIZE
MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST				
All products - 8 weeks delivery.				
PSEUDOMONAS ANTISERA (cont.)				
M10718	*Pseudomonas aeruginosa* Group F		No CE Mark	2ml
M10719	*Pseudomonas aeruginosa* Group G		No CE Mark	2ml
M10709	*Pseudomonas aeruginosa* Group H		No CE Mark	2ml
M10710	*Pseudomonas aeruginosa* Group I		No CE Mark	2ml
M10713	*Pseudomonas aeruginosa* Group J		No CE Mark	2ml
M10714	*Pseudomonas aeruginosa* Group K		No CE Mark	2ml
M10711	*Pseudomonas aeruginosa* Group L		No CE Mark	2ml
M10715	*Pseudomonas aeruginosa* Group M		No CE Mark	2ml
M10720	*Pseudomonas aeruginosa* Group N		No CE Mark	2ml
SALMONELLA O ANTISERA - MONOVALENT				
M10315	Salmonella O Factor	O9.46		2ml
M10318		O1,3,19		2ml
M10319		O11		2ml
M10322		O16		2ml
M10323		O18		2ml
M10324		O21		2ml
M10325		O35		2ml
SALMONELLA H ANTISERA - MONOVALENT				
M10335	Salmonella H Factor	L		2ml
M10337		y		2ml
M10338		e,n		2ml
M10340		v		2ml
M10341		w		2ml
M10342		z_{13}		2ml
M10343		z_{28}		2ml
M10347		7		2ml
M10348		z_6		2ml
M10370		u		2ml
M10372		z_{23}		2ml
M10373		z_{24}		2ml
M10374		z_{32}		2ml
M10377		z_{15}		2ml
M10378		z		2ml
M10379		z_4		2ml
M10380		z_{10}		2ml
M10381		z_{29}		2ml
M91882		g,p	No CE Mark	5ml
SALMONELLA H-SERA FOR PHASE INDUCTION				
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

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

SALMONELLA H-SERA FOR PHASE INDUCTION (cont.)

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

M10303	**Salmonella Antisera Set 1** This set consists of 17 O-grouping and 1 x Vi sera Polyvalent O: O2, O4, O7, O8, O9, O9, 46, O3,10 & O1, 3, 19 Polyvalent O1: O11, O13, O6, 14, O16, O18, O21 and O35 Monovalent: O2, O4, O7, O8, O9, O9 ,46, O3, 10, O1, 3, 19, O11, O13, O6, 14, 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, e, h, G, i, k, L, r, y, e, n, l, z, z_4, z_{10} and z_{29}	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-l 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

SERRATIA ANTISERA

M11419	**Serratia O-Grouping Antisera Set** This set consists of 16 O- Grouping sera. Group O1~O17 EXCEPT O15	No CE Mark	5ml x 16
	Serratia Group listed below		
M11402	Serratia O1	No CE Mark	5ml
M11403	Serratia O2	No CE Mark	5ml
M11404	Serratia O3	No CE Mark	5ml
M11405	Serratia O4	No CE Mark	5ml
M11406	Serratia O5	No CE Mark	5ml
M11407	Serratia O6	No CE Mark	5ml
M11408	Serratia O7	No CE Mark	5ml
M11409	Serratia O8	No CE Mark	5ml
M11410	Serratia O9	No CE Mark	5ml
M11411	Serratia O10	No CE Mark	5ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT			PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

SERRATIA ANTISERA (cont.)

M11412	Serratia O11		No CE Mark	5ml
M11413	Serratia O12		No CE Mark	5ml
M11414	Serratia O13		No CE Mark	5ml
M11415	Serratia O14		No CE Mark	5ml
M11417	Serratia O16		No CE Mark	5ml
M11418	Serratia O17		No CE Mark	5ml

SHIGELLA ANTISERA - MONOVALENT

M10117	*Shigella dysenteriae*	Type 2	2ml
M10118		Type 3	2ml
M10119		Type 4	2ml
M10120		Type 5	2ml
M10121		Type 6	2ml
M10122		Type 7	2ml
M10123		Type 8	2ml
M10124		Type 9	2ml
M10125		Type 10	2ml
M10152		Type 11	2ml
M10153		Type 12	2ml
M10128	*Shigella flexneri*	Type III	2ml
M10129		Type IV	2ml
M10133		Group 6	2ml
M10134		Group 7 (8)	2ml
M10135	*Shigella boydii*	Type 1	2ml
M10137		Type 3	2ml
M10138		Type 4	2ml
M10139		Type 5	2ml
M10140		Type 6	2ml
M10141		Type 7	2ml
M10142		Type 8	2ml
M10143		Type 9	2ml
M10144		Type 10	2ml
M10145		Type 11	2ml
M10146		Type 12	2ml
M10147		Type 13	2ml
M10148		Type 14	2ml
M10149		Type 15	2ml
M10155		Type 16	2ml
M10156		Type 17	2ml
M10157		Type 18	2ml

SHIGELLA ANTISERA SETS

M10104 — **Shigella Antisera Set 1** — 2ml x 49

This set consists of 8 Polyvalent and 41 Monovalents.

Polyvalent serum

Polyvalent A: *S. dysenteriae* Type 1, 2, 3, 4, 5, 6 & 7
Polyvalent A1: *S. dysenteriae* Type 8, 9, 10, 11 & 12
Polyvalent B; *S. flexneri* Type I, II, III, IV, V, VI & Group (3) 4, 6 and 7 (8)
Polyvalent C: *S. boydii* Type 1, 2, 3, 4, 5, 6 and 7
Polyvalent C1: *S. boydii* Type 8, 9, 10 and 11
Polyvalent C2: *S. boydii* Type 12, 13, 14 and 15
Polyvalent C3: *S. boydii* Type 16, 17 and 18
Polyvalent D: *S. sonnei* Phase I and Phase II

Monovalent serum

All individual types and groups constituting above polyvalent sera.

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

SHIGELLA ANTISERA SETS (cont.)

M10105	**Shigella Antisera Set 2** This set consists of 8 Polyvalents and 11 Monovalents. **Polyvalent serum** Polyvalent A: *S. dysenteriae* Type 1, 2, 3, 4, 5, 6 & 7 Polyvalent A1: *S. dysenteriae* Type 8, 9, 10, 11 & 12 Polyvalent B; *S. flexneri* Type I, II, III, IV, V, VI and Group (3) 4, 6 and 7 (8) Polyvalent C: *S. boydii* Type 1, 2, 3, 4, 5, 6 and 7 Polyvalent C1: *S. boydii* Type 8, 9, 10 and 11 Polyvalent C2: *S. boydii* Type 12, 13, 14 and 15 Polyvalent C3: *S. boydii* Type 16, 17 and 18 Polyvalent D: *S. sonnei* Phase I and Phase II **Monovalent serum** *S.flexneri*: type I, II, III, IV, V, VI and Group: (3) 4, 6 and 7 (8). *S.sonnei*: Phase I and Phase II.		2ml x 19
M10106	**Shigella Antisera Set 3** Polyvalent A: *S. dysenteriae* Type 1, 2,3, 4, 5, 6, & 7 Polyvalent A1: *S. dysenteriae* Type 8, 9, 10, 11 & 12 Polyvalent B; *S. flexneri* Type I, II, III, IV, V, VI and Group (3) 4, 6 and 7 (8) Polyvalent C: *S. boydii* Type 1, 2, 3, 4, 5, 6 and 7 Polyvalent C1: *S. boydii* Type 8, 9, 10 and 11 Polyvalent C2: *S. boydii* Type 12, 13, 14 and 15 Polyvalent C3: *S. boydii* Type 16, 17 and 18 Polyvalent D: *S. sonnei* Phase I and Phase II		2ml x 8

STAPHYLOCOCCUS ANTISERA

M10801	**Staphylococcal Coagulase Typing Sera Set** This set consists of 8 typing sera. Types: I, II, III, IV, V, VI, VII, and VIII		5ml x 8
	Staphylococcal coagulase type listed below		
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

HAEMOLYTIC STREPTOCOCCUS GROUP-A T-TYPING ANTISERA

M10505	**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.	No CE Mark	2ml x 24

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

HAEMOLYTIC STREPTOCOCCUS GROUP-A TYPING ANTISERA (cont.)

	Haemolytic Streptococcus Group-A T-Typing Sera type listed below		
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

HAEMOLYTIC STREPTOCOCCUS GROUP-B TYPING ANTISERA

M10570	**Haemolytic Streptococcus Group-B Typing Sera Set**	2ml x 6
	This set consists of Antisera types: Ia, Ib, II, III, IV and V	
	Haemolytic Streptococcus Group-B Typing Sera type listed below	
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	5ml x 4
	pH correction solution	5ml x 2
	Phenol Red solution	5ml x 1

STREPTOCOCCUS PNEUMONIAE TYPING ANTISERA

M00747	***Streptococcus pneumoniae* Antisera typing set**		2ml x 47
	This kit consists of 8 polyvalent and 39 monovalent antisera		
M15253	*Streptococcus pneumoniae* Polyvalent	1 antiserum	2ml
M15260	*Streptococcus pneumoniae* Polyvalent	2 antiserum	2ml
M15277	*Streptococcus pneumoniae* Polyvalent	3 antiserum	2ml
M15284	*Streptococcus pneumoniae* Polyvalent	4 antiserum	2ml
M15291	*Streptococcus pneumoniae* Polyvalent	5 antiserum	2ml
M15307	*Streptococcus pneumoniae* Polyvalent	6 antiserum	2ml
M15314	*Streptococcus pneumoniae* Polyvalent	7 antiserum	2ml
M15321	*Streptococcus pneumoniae* Polyvalent	8 antiserum	2ml

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

M15338	*Streptococcus pneumoniae* Monovalent	type 1 antiserum	2ml
M15345	*Streptococcus pneumoniae* Monovalent	type 2 antiserum	2ml
M15352	*Streptococcus pneumoniae* Monovalent	type 3 antiserum	2ml
M15369	*Streptococcus pneumoniae* Monovalent	type 4 antiserum	2ml
M15376	*Streptococcus pneumoniae* Monovalent	type 5 antiserum	2ml
M15383	*Streptococcus pneumoniae* Monovalent	type 6 antiserum	2ml
M15390	*Streptococcus pneumoniae* Monovalent	type 7 antiserum	2ml
M15406	*Streptococcus pneumoniae* Monovalent	type 8 antiserum	2ml
M15413	*Streptococcus pneumoniae* Monovalent	type 9 antiserum	2ml
M15420	*Streptococcus pneumoniae* Monovalent	type 10 antiserum	2ml
M15437	*Streptococcus pneumoniae* Monovalent	type 11 antiserum	2ml
M15444	*Streptococcus pneumoniae* Monovalent	type 12 antiserum	2ml
M15451	*Streptococcus pneumoniae* Monovalent	type 14 antiserum	2ml
M15468	*Streptococcus pneumoniae* Monovalent	type 15 antiserum	2ml
M15475	*Streptococcus pneumoniae* Monovalent	type 16 antiserum	2ml
M15482	*Streptococcus pneumoniae* Monovalent	type 17 antiserum	2ml
M15499	*Streptococcus pneumoniae* Monovalent	type 18 antiserum	2ml
M15505	*Streptococcus pneumoniae* Monovalent	type 19 antiserum	2ml
M15512	*Streptococcus pneumoniae* Monovalent	type 20 antiserum	2ml
M15529	*Streptococcus pneumoniae* Monovalent	type 21 antiserum	2ml
M15536	*Streptococcus pneumoniae* Monovalent	type 22 antiserum	2ml
M15543	*Streptococcus pneumoniae* Monovalent	type 23 antiserum	2ml
M15550	*Streptococcus pneumoniae* Monovalent	type 24 antiserum	2ml
M15567	*Streptococcus pneumoniae* Monovalent	type 25 antiserum	2ml
M15574	*Streptococcus pneumoniae* Monovalent	type 26 antiserum	2ml
M15581	*Streptococcus pneumoniae* Monovalent	type 28 antiserum	2ml
M15598	*Streptococcus pneumoniae* Monovalent	type 29 antiserum	2ml
M15604	*Streptococcus pneumoniae* Monovalent	type 31 antiserum	2ml
M15611	*Streptococcus pneumoniae* Monovalent	type 32 antiserum	2ml
M15628	*Streptococcus pneumoniae* Monovalent	type 33 antiserum	2ml
M15635	*Streptococcus pneumoniae* Monovalent	type 34 antiserum	2ml
M15642	*Streptococcus pneumoniae* Monovalent	type 35 antiserum	2ml
M15659	*Streptococcus pneumoniae* Monovalent	type 36 antiserum	2ml
M15666	*Streptococcus pneumoniae* Monovalent	type 38 antiserum	2ml
M15673	*Streptococcus pneumoniae* Monovalent	type 39 antiserum	2ml
M15680	*Streptococcus pneumoniae* Monovalent	type 40 antiserum	2ml
M15697	*Streptococcus pneumoniae* Monovalent	type 41 antiserum	2ml
M15703	*Streptococcus pneumoniae* Monovalent	type 46 antiserum	2ml
M15710	*Streptococcus pneumoniae* Monovalent	type 47 antiserum	2ml

VIBRIO PARAHAEMOLYTICUS ANTISERA

M10495	***Vibrio parahaemolyticus* 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

IDENTIFICATION PRODUCTS

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

VIBRIO PARAHAEMOLYTICUS ANTISERA (cont.)

ORDER NO:	PRODUCT		PACKSIZE
	***Vibrio parahaemolyticus* Antisera type listed below**		
M10405	*V.parahaemolyticus* Polyvalent KI contains types 1, 3, 4, 5, 6, 7, and 8	No CE Mark	2ml
M10406	*V.parahaemolyticus* Polyvalent KII contains types 9, 10, 11, 12, 13, 14, 15 and 17	No CE Mark	2ml
M10407	*V.parahaemolyticus* Polyvalent KIII contains types 18, 19, 20, 21, 22, 23 and 24	No CE Mark	2ml
M10408	*V.parahaemolyticus* Polyvalent KIV contains types 25, 26, 28, 29, 30, 31 and 32	No CE Mark	2ml
M10409	*V.parahaemolyticus* Polyvalent KV contains types 33, 34, 36, 37, 38, 39 and 40	No CE Mark	2ml
M10410	*V.parahaemolyticus* Polyvalent KVI contains types 41, 42, 43, 44, 45, 46, and 47	No CE Mark	2ml
M10411	*V.parahaemolyticus* Polyvalent KVII contains types 48, 49, 50, 51, 52, 53 and 54	No CE Mark	2ml
M10412	*V.parahaemolyticus* Polyvalent KVIII contains types 55, 56, 57, 58, 59, 60 and 61	No CE Mark	2ml
M10482	*V.parahaemolyticus* Polyvalent KIX contains types 63, 64, 65, 66, 67, 68 and 69	No CE Mark	2ml
M10413	*V.parahaemolyticus* K1	No CE Mark	2ml
M10414	*V.parahaemolyticus* K3	No CE Mark	2ml
M10415	*V.parahaemolyticus* K4	No CE Mark	2ml
M10416	*V.parahaemolyticus* K5	No CE Mark	2ml
M10417	*V.parahaemolyticus* K6	No CE Mark	2ml
M10418	*V.parahaemolyticus* K7	No CE Mark	2ml
M10419	*V.parahaemolyticus* K8	No CE Mark	2ml
M10420	*V.parahaemolyticus* K9	No CE Mark	2ml
M10421	*V.parahaemolyticus* K10	No CE Mark	2ml
M10422	*V.parahaemolyticus* K11	No CE Mark	2ml
M10423	*V.parahaemolyticus* K12	No CE Mark	2ml
M10424	*V.parahaemolyticus* K13	No CE Mark	2ml
M10425	*V.parahaemolyticus* K15	No CE Mark	2ml
M10426	*V.parahaemolyticus* K17	No CE Mark	2ml
M10427	*V.parahaemolyticus* K18	No CE Mark	2ml
M10428	*V.parahaemolyticus* K19	No CE Mark	2ml
M10429	*V.parahaemolyticus* K20	No CE Mark	2ml
M10430	*V.parahaemolyticus* K21	No CE Mark	2ml
M10431	*V.parahaemolyticus* K22	No CE Mark	2ml
M10432	*V.parahaemolyticus* K23	No CE Mark	2ml
M10433	*V.parahaemolyticus* K24	No CE Mark	2ml
M10434	*V.parahaemolyticus* K25	No CE Mark	2ml
M10435	*V.parahaemolyticus* K26	No CE Mark	2ml
M10436	*V.parahaemolyticus* K28	No CE Mark	2ml
M10437	*V.parahaemolyticus* K29	No CE Mark	2ml
M10438	*V.parahaemolyticus* K30	No CE Mark	2ml
M10439	*V.parahaemolyticus* K31	No CE Mark	2ml
M10440	*V.parahaemolyticus* K32	No CE Mark	2ml
M10441	*V.parahaemolyticus* K33	No CE Mark	2ml
M10442	*V.parahaemolyticus* K34	No CE Mark	2ml
M10443	*V.parahaemolyticus* K36	No CE Mark	2ml
M10444	*V.parahaemolyticus* K37	No CE Mark	2ml
M10445	*V.parahaemolyticus* K38	No CE Mark	2ml
M10446	*V.parahaemolyticus* K39	No CE Mark	2ml
M10447	*V.parahaemolyticus* K40	No CE Mark	2ml
M10448	*V.parahaemolyticus* K41	No CE Mark	2ml
M10449	*V.parahaemolyticus* K42	No CE Mark	2ml
M10450	*V.parahaemolyticus* K43	No CE Mark	2ml

IDENTIFICATION PRODUCTS

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

All products - 8 weeks delivery.

VIBRIO PARAHAEMOLYTICUS ANTISERA (cont.)

ORDER NO:	PRODUCT		PACKSIZE
M10451	*V.parahaemolyticus* K44	No CE Mark	2ml
M10452	*V.parahaemolyticus* K45	No CE Mark	2ml
M10453	*V.parahaemolyticus* K46	No CE Mark	2ml
M10454	*V.parahaemolyticus* K47	No CE Mark	2ml
M10455	*V.parahaemolyticus* K48	No CE Mark	2ml
M10456	*V.parahaemolyticus* K49	No CE Mark	2ml
M10457	*V.parahaemolyticus* K50	No CE Mark	2ml
M10458	*V.parahaemolyticus* K51	No CE Mark	2ml
M10459	*V.parahaemolyticus* K52	No CE Mark	2ml
M10460	*V.parahaemolyticus* K53	No CE Mark	2ml
M10461	*V.parahaemolyticus* K54	No CE Mark	2ml
M10462	*V.parahaemolyticus* K55	No CE Mark	2ml
M10463	*V.parahaemolyticus* K56	No CE Mark	2ml
M10464	*V.parahaemolyticus* K57	No CE Mark	2ml
M10465	*V.parahaemolyticus* K58	No CE Mark	2ml
M10466	*V.parahaemolyticus* K59	No CE Mark	2ml
M10467	*V.parahaemolyticus* K60	No CE Mark	2ml
M10479	*V.parahaemolyticus* K61	No CE Mark	2ml
M10480	*V.parahaemolyticus* K63	No CE Mark	2ml
M10481	*V.parahaemolyticus* K64	No CE Mark	2ml
M10487	*V.parahaemolyticus* K65	No CE Mark	2ml
M10488	*V.parahaemolyticus* K66	No CE Mark	2ml
M10489	*V.parahaemolyticus* K67	No CE Mark	2ml
M10490	*V.parahaemolyticus* K68	No CE Mark	2ml
M10491	*V.parahaemolyticus* K69	No CE Mark	2ml
M10492	*V.parahaemolyticus* K70	No CE Mark	2ml
M10496	*V.parahaemolyticus* K71	No CE Mark	2ml

VIBRIO PARAHAEMOLYTICUS O-GROUPING ANTISERA

M10402	***Vibrio parahaemolyticus* 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
M10468	*V.parahaemolyticus* O1	No CE Mark	2ml
M10469	*V.parahaemolyticus* O2	No CE Mark	2ml
M10470	*V.parahaemolyticus* O3	No CE Mark	2ml
M10471	*V.parahaemolyticus* O4	No CE Mark	2ml
M10472	*V.parahaemolyticus* O5	No CE Mark	2ml
M10473	*V.parahaemolyticus* O6	No CE Mark	2ml
M10474	*V.parahaemolyticus* O7	No CE Mark	2ml
M10475	*V.parahaemolyticus* O8	No CE Mark	2ml
M10476	*V.parahaemolyticus* O9	No CE Mark	2ml
M10477	*V.parahaemolyticus* O10	No CE Mark	2ml
M10478	*V.parahaemolyticus* O11	No CE Mark	2ml

VIBRIO CHOLERAE ANTISERA

M11001	***Vibrio cholerae* Antisera Set** This set consists of: Polyvalent antiserum: Serovar Inaba and Ogawa Monovalent antisera: Serovar Inaba,Serovar Ogawa.	2ml x 3

IDENTIFICATION PRODUCTS

ORDER NO:	PRODUCT		PACKSIZE
	MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST		
	All products - 8 weeks delivery.		
	YERSINIA ENTEROCOLITICA O-GROUPING ANTISERA		
M11101	***Yersinia enterocolitica* O-Grouping Antisera Set**		2ml x 5
	This set consists of 1 Polyvalent and 4 Monovalent O sera.		
	Polyvalent: Group O1, O2 Mixture		
	Monovalent: O3, O5, O8 and O9		
	***Yersinia enterocolitica* 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
	YERSINIA PSEUDOTUBERCULOSIS GROUPING ANTISERA		
M11801	***Yersinia pseudotuberculosis* Grouping Antisera Set**		
	This set consists of:	No CE Mark	2ml x 6
	Group 1~6		
	***Yersinia pseudotuberculosis* Group listed below**		
M11802	*Y.pseudotuberculosis* Group 1	No CE Mark	2ml
M11803	*Y.pseudotuberculosis* Group 2	No CE Mark	2ml
M11804	*Y.pseudotuberculosis* Group 3	No CE Mark	2ml
M11805	*Y.pseudotuberculosis* Group 4	No CE Mark	2ml
M11806	*Y.pseudotuberculosis* Group 5	No CE Mark	2ml
M11807	*Y.pseudotuberculosis* Group 6	No CE Mark	2ml

MOLECULAR BIOLOGY TESTS

HAIN LIFE SCIENCE® MICROBIOLOGY PRODUCTS

ORDER NO:	PRODUCT	PACKSIZE
	A range of molecular biology tests for microbial identification using DNA Strip technology.	
	Direct simultaneous detection of 17 Gram positive species in addition to resistance markers, from clinical samples.	
H-309	GT Blood Culture (gram positive)	12 tests
H-30996	GT Blood Culture (gram positive)	96 tests
	Direct simultaneous detection of 15 Gram negative species from clinical samples.	
H-310	GT Blood Culture (gram negative)	12 tests
H-31096	GT Blood Culture (gram negative)	96 tests
H-G001	GenoCards (4 tests per card)	1 x 3 cards
H-G00196	GenoCards (4 tests per card)	1 x 24 cards
H-G002	Puncher (x 1) and Punch mats (x 5)	1 pack
H-PR027	Punch mat with tip	1
	A molecular biology test for simultaneous identification of the most clinically relevant mycobacteria species from cultured material.	
H-299	GT Mycobacterium (CM)	12 tests
H-29996	GT Mycobacterium (CM)	96 tests
H-298	GT Mycobacterium (AS)	12 tests
	Direct simultaneous detection of TB complex and MOTT from clinical samples.	
H-4010	GT Mycobacteria Direct	24 tests
H-4000	GT Mycobacteria Direct	48 tests
	A molecular biology test for the differentiation of the *Mycobacterium tuberculosis* complex from cultured material.	
H-301	GT MTBC	12 tests
H-30196	GT MTBC	96 tests
	A molecular biology test for simultaneous identification of the *Mycobacterium tuberculosis* complex and most common mutations associated with resistance to Rifampicin and Isoniazid from cultured material.	
H-304	GT MTBDR *plus*	12 tests
H-30246	GT MTBDR *plus*	96 tests
	A molecular biology test for the rapid simultaneous detection and differentiation of *Staph. aureus* and *Staph. epidermidis* in addition to confirmation of MRSA and PVL (linked with Community Acquired Staph/MRSA) from cultured material.	
H-30512	GT MRSA and PVL	12 tests
H-30596	GT MRSA and PVL	96 tests
	Direct detection of MRSA from clinical swabs.	
H-308	GT MRSA Direct	12 tests
H-30896	GT MRSA Direct	96 tests
H-31296	GQ MRSA (GenoQuick)	96 tests
	A molecular biology test system for the rapid simultaneous detection of the most common CNS staphylococci in addition to confirmation of MRSA and PVL from cultured material.	
H-306	GT Staphylococcus	12 test
H-30696	GT Staphylococcus	96 test

Hain LifeScience® Products are available from Mast in the UK and via selected Mast distributors in Ireland, Australia, New Zealand, and throughout the Middle East.
If in doubt, please contact Mast Group Ltd to confirm availability.

MOLECULAR BIOLOGY TESTS

ORDER NO:	PRODUCT		PACKSIZE
HAIN LIFE SCIENCE® MICROBIOLOGY PRODUCTS			
A molecular biology test for the rapid simultaneous diffferentiation of *E.coli,* EIEC and *Shigella spp.*, via toxin (virulence factor) differentiation from cultured material			
H-344	GT EHEC		12 tests
H-34496	GT EHEC		96 tests
A molecular biology test for rapid, simultaneous differentiation of enterococcal species and identification of vancomycin resistant enterococci from cultured material.			
H-888	GT Enterococcus		12 tests
H-88896	GT Enterococcus		96 tests
Molecular genetic identification of *Helicobacter pylori* and its resistance to Fluoroquinolones and/or Clarithromycin from culture and biopsy samples.			
	GT HelicoDR	Coming Soon	TBA
Direct detection from clinical samples			
	GQ CT *Chlamydia trachomatis* (GenoQuick®) - Detection from clinical swabs	Coming Soon	TBA
	GQ Norovirus (GenoQuick®) - Detection from stool samples	Coming Soon	TBA
HAIN LIFE SCIENCE® ACCESSORIES			
H-11621	TwinCubator Hybridisation Tray		1
H-11620	TwinCubator Amplification Rack		1
H-11619	Magnetic Separator		1
H-SKO1	Starter kit I: Consists of Thermal Cycler, Sonicating water bath, Twincubator (Hyb) Hotblock, Microfuge, P10 ,P20, P200, P1000 pipettes, plastics.		1
H-BLOT 48	BeeBlot Automated Hybridisation System- 48 channels		1
H-TRAY	Replacement Tray for use with BeeBlot Hybridisation System		1 x 48 channel
HAIN LIFE SCIENCE® GENETIC ANALYSIS PRODUCTS			
A range of genetic tests for polymorphism identification using DNA Strip technology.			
H-241	ThromboType: Factor V /II		12 tests
H-24196	ThromboType: Factor V /II		96 tests
H-341	ThromboType Plus: Factor V plus MTHFR		12 tests
H-34196	ThromboType Plus: Factor V plus MTHFR		96 tests
H-252	GT- MTHFR: most important MTHFR mutations		12 tests
H-25296	GT- MTHFR: most important MTHFR mutations		96 tests
H-251	GT AAT: Alpha-1-antitrypsin deficiency		12 tests
H-25196	GT AAT: Alpha-1-antitrypsin deficiency		96 tests
H-222	GT PAI-1: Most important PAI-1 polymorphisms		12 tests
H-22296	GT PAI-1: Most important PAI-1 polymorphisms		96 tests
H-350	GT APO-E: Allelles e2, e3, e4 of the ApoE gene		12 tests
H-35096	GT APO-E: Allelles e2, e3, e4 of the ApoE gene		96 tests
H-245	GT HH: Hereditary haemochromatosis 2.0		12 tests
H-24596	GT HH: Hereditary haemochromatosis 2.0		96 tests
H-261	GT LCT: Lactose Tolerance		12 tests
H-26196	GT LCT: Lactose Tolerance		96 tests
H-51512	GT DNA Extraction kit		12 tests
H-51548	GT DNA Extraction kit		48 tests

Hain LifeScience Products are available from Mast in the UK and via selected Mast distributors in Ireland, Australia, New Zealand, and throughout the Middle East.
If in doubt, please contact Mast Group Ltd to confirm availability.

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

MASTAFLUOR™ IMMUNOFLUORESCENCE TESTS

All products available to Special Order- Lead time 2-3 weeks

ORDER NO:	PRODUCT	PACKSIZE
636336	*Borrelia burgdorferi* IgG-complete test kit	10 x 5 tests
636338	*Borrelia burgdorferi* IgG-complete test kit	10 x 10 tests
636339	*Borrelia burgdorferi* IgM-complete test kit	10 x 5 tests
636340	*Borrelia burgdorferi* IgM-complete test kit	10 x 10 tests
616136	*Borrelia burgdorferi* slides	10 x 5 wells
616138	*Borrelia burgdorferi* slides	10 x 10 wells
626251	*Borrelia burgdorferi* controls IgG positive	0.5 ml
626252	*Borrelia burgdorferi* controls IgM positive	0.5 ml
636350	Candida-Mix IgG-complete test kit	10 x 5 tests
636352	Candida-Mix IgG-complete test kit	10 x 10 tests
636351	Candida-Mix IgM-complete test kit	10 x 5 tests
636353	Candida-Mix IgM-complete test kit	10 x 10 tests
646450	Candida-Mix slides	10 x 5 wells
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
636348	EBV-IgG-complete test kit	10 x 10 tests
636347	EBV-IgM-complete test kit	10 x 5 tests
636349	EBV-IgM-complete test kit	10 x 10 tests
646446	EBV slides	10 x 5 wells
646448	EBV slides	10 x 10 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
636310	HSV 1-IgG-complete test kit	10 x 10 tests
636309	HSV 1-IgM-complete test kit	10 x 5 tests
636311	HSV 1-IgM-complete test kit	10 x 10 tests
646408	HSV 1 slides	10 x 5 wells
646410	HSV 1 slides	10 x 10 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
636314	HSV 2-IgG-complete test kit	10 x 10 tests
636313	HSV 2-IgM-complete test kit	10 x 5 tests
636315	HSV 2-IgM-complete test kit	10 x 10 tests
646412	HSV 2 slides	10 x 5 wells
646414	HSV 2 slides	10 x 10 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
636322	Measles IgG-complete test kit	10 x 10 tests
636321	Measles-IgM-complete test kit	10 x 5 tests
636323	Measles-IgM-complete test kit	10 x 10 tests
646420	Measles slides	10 x 5 wells
646422	Measles slides	10 x 10 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
636326	Mumps-IgG-complete test kit	10 x 10 tests
636325	Mumps-IgM-complete test kit	10 x 5 tests
636327	Mumps-IgM-complete test kit	10 x 10 tests
646424	Mumps slides	10 x 5 wells

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

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

MASTAFLUOR™ IMMUNOFLUORESCENCE TESTS

All products available to Special Order- Lead time 2-3 weeks

ORDER NO:	PRODUCT	PACKSIZE
646426	Mumps slides	10 x 10 wells
626247	Mumps controls IgG Positive	0.5 ml
626263	Mumps controls IgM positive	0.5 ml
636328	RSV-IgG-complete test kit	10 x 5 tests
636330	RSV-IgG-complete test kit	10 x 10 tests
636329	RSV-IgM-complete test kit	10 x 5 tests
636335	RSV-IgM-complete test kit	10 x 10 tests
646428	RSV slides	10 x 5 wells
646430	RSV slides	10 x 10 wells
626249	RSV controls IgG positive	0.5 ml
626269	RSV controls IgM positive	0.5 ml
631181	Toxoplasma Screen	10 x 5 tests
631182	Toxoplasma Screen	10 x 10 tests
631183	Toxoplasma-IgG-complete test kit	10 x 5 tests
631184	Toxoplasma-IgGcomplete test kit	10 x 10 tests
631185	Toxoplasma-IgM-complete test kit	10 x 5 tests
631186	Toxoplasma-IgM-complete test kit	10 x 10 tests
641181	Toxoplasma slides	10 x 5 wells
641182	Toxoplasma slides	10 x 10 wells
621181	Toxoplasma controls IgG positive	0.5 ml
621185	Toxoplasma controls IgM positive	0.5 ml
636332	*Varicella zoster*-IgG(Herpes Zoster) complete test kit	10 x 5 tests
636334	*Varicella zoster*-IgG (Herpes Zoster) complete test kit	10 x10 tests
636331	*Varicella zoster*-IgM(Herpes Zoster) complete test kit	10 x 5 tests
636333	*Varicella zoster*-IgM(Herpes Zoster) complete test kit	10 x 10 tests
646432	*Varicella zoster* (Herpes Zoster) slides	10 x 5 wells
646434	*Varicella zoster* (Herpes Zoster) slides	10 x 10 wells
626248	*Varicella zoster* (Herpes Zoster) controls IgG Positive	0.5 ml
626256	*Varicella zoster* (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
626297	PBS- buffer (supplied as a powder- reconstitute in 1 litre H_20)	1 bag
626298	Evans Blue (ready to use)	3.0 ml
626299	Mounting Medium (ready to use)	3.0 ml
626281	Sorbent for FTA-ABS for 5 ml	1 vial (5 ml)
626280	Cover Slides (24 x 60 mm)	100 pc
	Rheumatic factor IgG absorbent for IgM tests	
651003	MASTSORB	2 ml

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

MASTAZYME™ ENZYME IMMUNOASSAYS

All products available to Special Order- Lead time 2-3 weeks
Complete assays for the detection and confirmation of antibodies.

ORDER NO:	PRODUCT	PACKSIZE
680051	Adenovirus IgG	12 x 8 tests
680052	Adenovirus IgM	12 x 8 tests
680053	Adenovirus IgA	12 x 8 tests
680101	*Aspergillus fumigatus* IgG	12 x 8 tests
680102	*Aspergillus fumigatus* IgM	12 x 8 tests
680103	*Aspergillus fumigatus* IgA	12 x 8 tests
680151	*Bordetella pertussis* IgG	12 x 8 tests
680152	*Bordetella pertussis* IgM	12 x 8 tests
680153	*Bordetella pertussis* IgA	12 x 8 tests
680201	*Borrelia burgdorferi* IgG	12 x 8 tests
680202	*Borrelia burgdorferi* IgM	12 x 8 tests
680251	*Brucella abortus* IgG	12 x 8 tests
680252	*Brucella abortus* IgM	12 x 8 tests
680253	*Brucella abortus* IgA	12 x 8 tests
680301	*Candida albicans* IgG	12 x 8 tests
680302	*Candida albicans* IgM	12 x 8 tests
680303	*Candida albicans* 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	*Helicobacter pylori* IgG	12 x 8 tests
680552	*Helicobacter pylori* IgM	12 x 8 tests
680553	*Helicobacter pylori* IgA	12 x 8 tests
680601	*Herpes 1 simplex* IgG	12 x 8 tests
680602	*Herpes 1 simplex* IgM	12 x 8 tests
680603	*Herpes 1 simplex* IgA	12 x 8 tests
680611	Herpes 1 Glycoprotein IgG	12 x 8 tests
680612	Herpes 1 Glycoprotein IgM	12 x 8 tests
680613	Herpes 1 Glycoprotein IgA	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
680631	Herpes 2 Glycoprotein IgG	12 x 8 tests
680632	Herpes 2 Glycoprotein IgM	12 x 8 tests
680633	Herpes 2 Glycoprotein 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

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

MASTAZYME™ ENZYME IMMUNOASSAYS

All products available to Special Order- Lead time 2-3 weeks
Complete assays for the detection and confirmation of antibodies.

ORDER NO:	PRODUCT	PACKSIZE
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	*Mycobacterium tuberculosis* IgG	12 x 8 tests
680852	*Mycobacterium tuberculosis* IgM	12 x 8 tests
680853	*Mycobacterium tuberculosis* IgA	12 x 8 tests
680901	*Mycoplasma pneumoniae* IgG	12 x 8 tests
680902	*Mycoplasma pneumoniae* IgM	12 x 8 tests
680903	*Mycoplasma pneumoniae* IgA	12 x 8 tests
712000	*Mycoplasma bovis* IgG	12 x 8 tests
EIA1002	Neospora IgG	12 x 8 tests
680951	Parainfluenza 1 IgG	12 x 8 tests
680952	Parainfluenza 1 IgM	12 x 8 tests
680953	Parainfluenza 1 IgA	12 x 8 tests
680961	Parainfluenza 2 IgG	12 x 8 tests
680962	Parainfluenza 2 IgM	12 x 8 tests
680963	Parainfluenza 2 IgA	12 x 8 tests
680971	Parainfluenza 3 IgG	12 x 8 tests
680972	Parainfluenza 3 IgM	12 x 8 tests
680973	Parainfluenza 3 IgA	12 x 8 tests
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
681052	Poliomyelitis IgM	12 x 8 tests
681053	Poliomyelitis IgA	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	*Varicella zoster* (VZV) IgG	12 x 8 tests
681202	*Varicella zoster* (VZV) IgM	12 x 8 tests
681203	*Varicella zoster* (VZV) IgA	12 x 8 tests
681251	*Yersinia enterocolitica* IgG	12 x 8 tests
681252	*Yersinia enterocolitica* IgM	12 x 8 tests
681253	*Yersinia enterocolitica* IgA	12 x 8 tests
	Chlamydia Antigen	
695010	Mastazyme Chlamydia Ag	12 x 8 tests
695020	Mastazyme Chlamydia Ag Transport Media	95 tubes
695030	Mastazyme Chlamydia Ag Swabs	100 pc.

HAEMAGGLUTINATION TESTS

HA101	MAST - TPHA. A liquid stable *Treponema pallidum* haemagglutination assay for the serodiagnosis of syphilis.	200 tests

MAST IMMUNODIAGNOSTIC TESTS - INFECTIOUS DISEASE

ORDER NO:	PRODUCT	PACKSIZE

MASTABLOT™ LINEBLOT IMMUNOASSAYS

All products available to Special Order- Lead time 2-3 weeks NEW

A range of highly specific confirmatory tests to detect antibodies against *Treponema pallidum*

6653G08	MASTABLOT TP (*Treponema pallidum*)IgG	8 tests
6653G24	MASTABLOT TP (*Treponema pallidum*)IgG	24 tests
6653M08	MASTABLOT TP (*Treponema pallidum*)IgM	8 tests
6653M24	MASTABLOT TP (*Treponema pallidum*)IgM	24 tests

MASTABLOT™ WESTERN BLOT IMMUNOASSAYS

All products available to Special Order- Lead time 2-3 weeks NEW

Antibody detection for *Borrelia burgdorferi*

665101	MASTABLOT *Borrelia burgdorferi* IgG	8 tests
665122	MASTABLOT *Borrelia burgdorferi* IgG	20 tests
665102	MASTABLOT *Borrelia burgdorferi* IgM	8 tests
665123	MASTABLOT *Borrelia burgdorferi* IgM	20 tests

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

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.

ORDER NO:	PRODUCT	PACKSIZE
	HEp-2-Cells	
606045	ANA Anti-Nuclear-Antibodies	10 x 5 tests
606046	ANA Anti-Nuclear-Antibodies	10 x 10 tests
	Crithidia luciliae	
606010	dsDNA	10 x 5 tests
606011	dsDNA	10 x 10 tests
	Tissue Sections	
606068	ABBA	10 x 5 tests
606069	ABBA	10 x 10 tests
606076	AEA	10 x 5 tests
606077	AEA	10 x 10 tests
606078	AFA	10 x 5 tests
606079	AFA	10 x 10 tests
606082	AIDA	10 x 5 tests
606083	AIDA	10 x 10 tests
606015	AMA	10 x 5 tests
606016	AMA	10 x 10 tests
606005	ANA	10 x 5 tests
606000	ANA	10 x 10 tests
606020	ANA/AMA/ASMA/APCA	10 x 5 tests
606021	ANA/AMA/ASMA/APCA	10 x 10 tests
606022	ANA/AMA/ASMA/APCA/LKM	10 x 5 tests
606023	ANA/AMA/ASMA/APCA/LKM	10 x 10 tests
606084	ARA	10 x 5 tests
606085	ARA	10 x 10 tests
606086	ARIA	10 x 5 tests
606087	ARIA	10 x 10 tests
606060	ASA/Monkey Oesophagus	10 x 5 tests
606062	ASA/Monkey Oesophagus	5 x 5 tests
606080	ASA/Rabbit Tongue	10 x 5 tests
606081	ASA/Rabbit Tongue	5 x 5 tests
606018	ASMA	10 x 5 tests
606030	ATA	5 x 5 tests
606032	ATA	10 x 5 tests
606070	EmA	10 x 5 tests
606072	EmA	5 x 5 tests
606088	GBM	10 x 5 tests
606089	GBM	5 x 5 tests
606025	HMA	10 x 5 tests
606028	HMA	5 x 5 tests
606050	ICA	10 x 5 tests
606052	ICA	5 x 5 tests
606090	IFA	10 x 5 tests
606091	IFA	10 x 10 tests
606066	LKM	10 x 5 tests
606067	LKM	10 x 10 tests
606055	NNA	10 x 5 tests
606057	NNA	5 x 5 tests
606064	SKMA	10 x 5 tests

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

SLIDES

ORDER NO:	PRODUCT	PACKSIZE
	HEp-2	
616145	ANA	10 x 5 wells
616146	ANA	10 x 10 wells
616147	ANA	10 x 18 wells
	Crithidia luciliae	
616110	nDNA	10 x 5 wells
616111	nDNA	10 x 10 wells
	TISSUE SECTIONS	
	Single Tissues	
	Primate Tissue Sections	
616188	Monkey Kidney	10 x 5 wells
616189	Monkey Kidney	5 x 5 wells
616170	Monkey Oesophagus, distal	10 x 5 wells
616172	Monkey Oesophagus, distal	5 x 5 wells
616160	Monkey Oesophagus	10 x 5 wells
616162	Monkey Oesophagus	5 x 5 wells
	Rabbit Tissue Sections	
616180	Rabbit Tongue	10 x 5 wells
	Rat Tissue Sections	
616105	Rat Liver	10 x 5 wells
616100	Rat Liver	10 x 10 wells
616117	Rat Stomach	10 x 5 wells
616118	Rat Stomach	10 x 10 wells
616115	Rat Kidney	10 x 5 wells
616116	Rat Kidney	10 x 10 wells
616175	Rat Striated Muscle	10 x 5 wells
	Combined Tissue Sections	
	Monkey- /Rat Tissue	
616130	Monkey Thyroid / Rat Kidney	10 x 5 wells
616150	Monkey Pancreas / Rat Kidney	10 x 5 wells
616152	Monkey Pancreas / Rat Kidney	5 x 5 wells
616155	Monkey Adrenal / Rat Kidney	10 x 5 wells
616157	Monkey Adrenal / Rat Kidney	5 x 5 wells
	Combined Tissue Sections	
	Rat Tissue	
616125	Rat Heart, Rat Kidney	10 x 5 wells
616128	Rat Heart, Rat Kidney	5 x 5 wells
616120	Rat Stomach/-Kidney	10 x 5 wells
616121	Rat Stomach/-Kidney	10 x 10 wells
616122	Rat Liver/-Kidney/-Stomach	10 x 5 wells
616123	Rat Liver/-Kidney/-Stomach	10 x 10 wells

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

MASTAFLUOR™ IF CONTROLS

All products available to Special Order. Lead time 2-3 weeks

ORDER NO:	PRODUCT	PACKSIZE
	HEp-2	
626222	HEp-2 negative	0.5 ml
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	
626222	nDNA (dsDNA) negative	0.5 ml
626210	nDNA (dsDNA) positive	0.5 ml
	Controls	
626222	ABBA negative	0.5 ml
626268	ABBA postive	0.5 ml
626222	AEA negative	0.5 ml
626276	AEA positive	0.5 ml
626222	AFA negative	0.5 ml
626278	AFA positive	0.5 ml
626222	AIDA negative	0.5 ml
626272	AIDA positive	0.5 ml
626222	AMA negative	0.5 ml
626215	AMA positive	0.5 ml
626222	ANA negative	0.5 ml
626201	ANA pos. homogeneous	0.5 ml
626222	ANA/AMA/ASMA/APCA negative	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
626222	ARA negative	0.5 ml
626274	ARA positive	0.5 ml
626222	ARIA negative	0.5 ml
626265	ARIA positive	0.5 ml
626222	ASA negative	0.5 ml
626228	ASA positive	0.5 ml
626222	ATA negative	0.5 ml
626230	ATA positive	0.5 ml
626271	EmA negative	0.5 ml
626270	EmA positive	0.5 ml
626222	GBM negative	0.5 ml
626227	GBM positive	0.5 ml
626222	HMA negative	0.5 ml
626225	HMA positive	0.5 ml
626222	ICA negative	0.5 ml
626232	ICA positive	0.5 ml
626222	IFA negative	0.5 ml
626262	IFA positive	0.5 ml
626222	LKM negative	0.5 ml
626266	LKM positive	0.5 ml
626222	NNA negative	0.5 ml
626233	NNA positive	0.5 ml
626222	SKMA negative	0.5 ml
626264	SKMA positive	0.5 ml

MAST IMMUNODIAGNOSTIC TESTS - AUTOIMMUNE

ORDER NO:	PRODUCT	PACKSIZE

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
626286	Anti-Human IgG, IgA, IgM	3.0 ml
626293	Anti-Human IgA	2.0 ml
626287	Anti-Human IgA	3.0 ml

OTHER REAGENTS

620100	IFT Serumdiluent	100 ml
626297	PBS- buffer (supplied as a powder- reconstitute in 1 litre H_20)	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.
	Rheumatic factor, IgG absorbent for IgM tests	
651003	MASTSORB	2 ml

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

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. 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	10	100	4 – 6
	Subsequent 10			
Mastrings (letter coded)	Initial order 25	10	100	4 – 6
	Subsequent 10			
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

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