

Microgen Bioproducts Ltd

EXPORT Product List 2008



**THE FOLLOWING PRODUCTS ARE INTENDED FOR MEDICAL, FOOD
AND INDUSTRIAL MICROBIOLOGICAL TESTING**

BACTERIOLOGY		
MICROGEN® A range of biochemical identification systems for bacterial identification		
CODE	PRODUCT DESCRIPTION	SIZE
MID-64	Microgen™ GN-ID A - For the identification of aerobic and facultative anaerobic gram negative bacteria (Enterobacteriaceae and miscellaneous gram negative bacteria).	60 tests
MID-641	Microgen™ GN-ID A - For the identification of aerobic and facultative anaerobic gram negative bacteria (Enterobacteriaceae and miscellaneous gram negative bacteria). Microplate format with 8 identifications per plate.	160 tests
MID-65	Microgen™ GN-ID B - For use as an additional 12 test system for the identification of Miscellaneous Gram negative and oxidase positive bacteria.	24 tests
MID-66	Microgen™ Bacillus-ID for the identification of Bacillus and related genera associated with foodborne illness and food spoilage	20 tests
MID-67	Microgen™ Listeria-ID for the identification of Listeria species	20 tests
MID-69	Microgen™ Staph-ID for the identification of medically important Staphylococcus species.	20 tests
MID -62	Microgen® Strep-ID for the identification of medically important Streptococci and Enterococci	20 tests
MID-61a	Microgen™ Nitrate Reagent A	10ml
MID-61b	Microgen™ Nitrate Reagent B	10ml
MID-61c	Microgen™ Voges-Proskauer I Reagent	10ml
MID-61d	Microgen™ Voges-Proskauer II Reagent	10ml
MID-61e	Microgen™ TDA Reagent	10ml
MID-61f	Microgen™ Indole Kovacs Reagent	
MID-61g	Microgen™ Oxidase Strips - strips containing reagent for use in oxidase test.	50 strips
MID-61h	Microgen™ Mineral Oil	50ml
MID-61k	Microgen™ PYR Reagent for use with MID-69 Staph ID	10ml
MID-60	Software program providing users of Microgen™ Identification Systems with an easy to use results database. Compatible with Windows 95 (Microsoft Trademark) and above.	Each

BACTERIOLOGY		
Microgen™ Latex - A range of tests for rapid bacterial identification		
CODE	PRODUCT DESCRIPTION	SIZE
M41	Microgen™ C. difficile - A rapid and simple latex slide agglutination test for identification of C. difficile	50 tests
M42	Microgen™ Salmonella - A rapid, latex slide agglutination test for the presumptive identification of Salmonella in selective and/or enrichment cultures or isolates taken directly from selective agars	50 tests
M43	Microgen™ Staph - A rapid latex slide agglutination test for the identification of <i>Staphylococcus aureus</i> from primary plate culture. Detects coagulase and protein A	100 tests
M433	Microgen™ Staph - A rapid latex slide agglutination test for the identification of <i>Staphylococcus aureus</i> from primary plate culture. Detects coagulase and protein A	500 tests
M43C	Microgen™ Staph Control Reagent. For use with the Microgen Staph Latex Kit (M43 and M433). Use of the control latex allows identification of false positive results. Agglutination of both the test and control latex reagents indicates the presence of a non- S.aureus.	100 tests
M44	Microgen™ E.coli 0157 - A rapid latex slide agglutination test for identifying E. coli 0157 grown on selective medium.	50 tests
M45	Microgen® Legionella - a rapid latex slide agglutination test for the confirmatory identification of L. pneumophila serogroup 1 and serogroup 2 - 15 and non- L. pneumophila species of clinical significance grown on selective media	50 tests
M45ACE	Legionella Reagent 1- L. pneumophila serogroup 1	2.5ml
M45BCE	Legionella Reagent 2 - L. pneumophila serogroup 2 - 15	2.5ml
M45CCE	Legionella Positive Control - positive control reactive with 1ml test reagents 1, 2-15 and species	1ml
M45DCE	Legionella Species Reagent - for the 10 most commonly isolated clinically significant species	2.5ml
M46	Microgen™ Campylobacter - A rapid latex slide agglutination test for Campylobacter, intended as a means of identifying enteropathogenic campylobacters grown in enrichment broths or on selective plates	50 tests
M47	Microgen™ Strep. – A series of latex agglutination reagents specific for groups ABCDF&G giving rapid detection and identification of the extracted antigens. Included in the kit is an enzyme reagent for rapid extraction of the carbohydrate antigens	50 tests
F48	Microgen™ Listeria - A rapid latex slide agglutination test for confirmation of Listeria species on solid selective media	50 tests

FUNGAL SEROLOGY and Miscellaneous Immunogens		
CODE	PRODUCT DESCRIPTION	SIZE
FSK1	Aspergillus - A serological double gel diffusion assay intended for the detection of precipitating antibodies to Aspergillus fumigatus	20 tests
FSK3	Micropolyspora faeni - A serological double gel diffusion assay for detection of precipitating antibodies to the thermophilic actinomycete M. faeni	20 tests
FSK4	Avian Allergens - A serological double gel diffusion assay intended for the detection of precipitating antibodies to avian allergens	20 tests
FSK ddp	Double Diffusion Plates - Double Diffusion Plates for use with the specific fungal serology kits (FSK1,FSK2,FSK3 and FSK4)	20 tests

The following Immunogens are available to order*

FS01	T vulgaris 20mg/ml	0.5ml
FS02	T thalophilus 20mg/ml	0.5ml
FS03	T sacchari 20mg/ml	0.5ml
FS04	Saccharomonospora viridis 20mg/ml	0.5ml
FS05	Rabbit anti T vulgaris/ T thalophilus: ready for use in immunodiffusion systems	0.5ml
FS06	Chicken serum: ready for use in immunodiffusion systems	0.5ml
FS07	Chicken faecal extract 5mg/ml	0.5ml
FS08	Turkey serum: ready for use in immunodiffusion systems	0.5ml
FS09	Turkey faecal extract 5mg/ml	0.5ml
FS10	Duck serum: ready for use in immunodiffusion systems	0.5ml
FS11	Duck faecal extract 5mg/ml	0.5ml
FS12	Cockatiel serum: ready for use in immunodiffusion systems	0.5ml
FS13	Cockatiel faecal extract 5mg/ml	0.5ml
FS14	Canary serum: ready for use in immunodiffusion systems	0.5ml
FS15	Canary faecal extract 5mg/ml	0.5ml
FS16	Parrot serum: ready for use in immunodiffusion systems	0.5ml
FS17	Parrot faecal extract 5mg/ml	0.5ml
FS18	Parakeet serum: ready for use in immunodiffusion systems	0.5ml
FS19	Parakeet faecal extract 5mg/ml	0.5ml
FS20	Finch serum: ready for use in immunodiffusion systems	0.5ml
FS21	Finch faecal extract 5mg/ml	0.5ml

The following Immunogens are available to order***ANTIGENS:**

FS23	Shrimp/Prawn
FS71	Whole Mushroom
FS73	Mushroom Spore for ELISA
FS26	Rhizomucor pusillus
FS78	Aspergillus repens
FS22	Streptomyces griseus
	Absida corymbifera
	Penicillium expansum
	Pseudomonas aeruginosa
	Pseudomonas aeruginosa with defined elastase activity
	Burkholderia cepacia
FS28	Aspergillus niger
FS29	Aspergillus nidulans
FS30	Aspergillus flavus
FS31	Aspergillus clavatus
FS32	Aspergillus terreus

The following Immunogens are available to order*

FS49	Aspergillus versicolour
FS78	Aspergillus repens
FS46	Petriellidium boydii
FS55	Humidifier fever allergens
FS47	Sitophilus granarius
FS72	Penicillium frequentans
FS74	Aurobasidomyces pullulans
	Paecilomyces/Rhizopus
	Trichoderma viridae
FS53	Bacillus subtilis protease
	Bacillus subtilis enzyme A
	Porcine pituitary
FS40	Love Bird serum
FS75	Horse serum
FS68	Budgie serum
FS69	Pigeon serum
FS70	Chicken serum
	Hawk serum, Ostrich serum
	Quail Serum, Cow Serum

ANTISERA:

	Rabbit anti-
FS56	Parrot
	Hawk
	Ostrich
	Pseudomonas Aeruginosa
	Bacillus cepacia
FS67	Humidifier fever antigens
	Aspergillus fumigatus
	Aspergillus niger
	Chicken anti - Bacillus cepacia
	Sheep anti - Bacillus cepacia
FS62	Anti R.pusillus serum

HAEMATOLOGY/ INFECTIOUS MONONUCLEOSIS		
CODE	PRODUCT DESCRIPTION	SIZE
M121	Infectious Mononucleosis Absorption Kit - contains ox antigen and guinea pig antigen and horse red cells for differentiation of Forsman from heterophile antibody	40 tests
M122	Infectious Mononucleosis Screening Reagent - A stable preparation of horse cells for rapid screening of sera for heterophile antibody	40 tests
M94	Merret Tubes – For simple reproducible staining of reticulocytes	96 tubes
M-96 Control	Liquid, ready-to-use controls for S-Test (1 x 0.5ml Positive and Negative Control). Contains human red blood cells, can be aliquoted and stored frozen for 3 years.	Each
M96-50	S - Test - Based on the original method of Itano 1953 and is intended for use as a screening reagent for the detection of Hb-S	50 tests

INFECTIOUS DISEASE SEROLOGY*		
CODE	PRODUCT DESCRIPTION	SIZE
Cytomegalovirus		
M407	Mercia CMV-M - An antibody class capture enzymeimmunoassay for the detection of IgM antibodies to Cytomegalovirus (CMV) in human serum	96 tests
M507	Mercia CMV-G - EIA for the detection and quantitative determination of IgG antibody to Cytomegalovirus	96 tests
Rubella		
M406	Mercia Rubella M - EIA for the detection of IgM antibody to Rubella virus in human serum	96
M506	Mercia Rubella G - EIA for the detection and quantitative determination of IgG to Rubella virus in human serum or plasma	96
M5066	Mercia Rubella G - EIA for the detection and quantitative determination of IgG to Rubella virus in human serum or plasma	480
Syphilis		
M404	Mercia Syphilis M - EIA for the detection of IgM antibody to Treponema pallidum in human serum	96 tests
M403	Mercia Syphilis Total – A competition immunoassay for the qualitative detection of IgG and IgM antibodies to Treponema pallidum in human serum or plasma specimens	96 test
M4033	Mercia Syphilis Total – A competition immunoassay for the qualitative detection of IgG and IgM antibodies to Treponema pallidum in human serum or plasma specimens	960 test
Toxoplasma		
M408	Mercia Toxo M - EIA for the detection of IgM antibody to Toxoplasma gondii in human serum	96 tests
M508	Mercia Toxo G - EIA for the detection and quantitative determination of IgG antibody to Toxoplasma gondii in human serum or plasma	96 tests

BUFFERS		
M34A	Phosphate Buffered Saline - pH 7.2, to make 10 litres	500ml
M34C	Phosphate Buffered Saline - pH 7.4, to make 10 litres	500ml
M1	Sorensens - (conc), to make 5 litres, pH 6.8	25ml
M7	Saline Solution - (conc), to make 5 litres	150ml
M80D	Extraction Buffer: for use with M80 and M81	50 ml

VIROLOGY - Antigen Detection		
CODE	PRODUCT DESCRIPTION	SIZE
M80	Rotascreen Latex - Rapid and simple latex agglutination test for the detection of Rotavirus antigen in faecal specimens. Test results can be obtained within 5 minutes of preparing the sample	50 tests
M81	Adenoscreen Latex - Rapid and simple latex agglutination test for the detection of Adenovirus antigen in faecal specimens. Test results can be obtained within 5 minutes of preparing a sample	50 tests
M480	Rotascreen EIA "Rapid" - EIA for the detection of Rotavirus in stool samples. Assay time of less than 1 hour	96 tests
M481	Adenoscreen EIA "Rapid" - EIA for the detection of Adenovirus in stool samples. Assay time of less than 1 hour	96 tests
M580	Rotascreen Dipstick – immunochromatographic strips for the detection of Rotavirus in stool samples.	25 tests
M583	Rotascreen/ Adenoscreen Dipstick – immunochromatographic strips for the simultaneous detection of Rotavirus and Adenovirus in stool samples.	25 tests

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MID-67	Microgen Listeria-ID for the identification of Listeria species	20 tests
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MID-60	Software program providing users of Microgen™ Identification Systems with an easy to use results database. Compatible with Windows 95 (Microsoft Trademark) and above.	

BACTERIOLOGY		
THE MICROGEN BIOPRODUCTS RANGE OF SLIDE LATEX AGGLUTINATION TESTS FOR THE RAPID IDENTIFICATION OF IMPORTANT FOOD PATHOGENS. SPECIFICALLY PACKAGED TO MEET THE STRINGENT REQUIREMENTS OF INDUSTRY		
F42	Microgen™ Salmonella - A rapid latex slide agglutination test for the presumptive identification of Salmonella in selective and/or enrichment cultures or isolates taken from selective agar	50 tests
F46	Microgen™ Campylobacter - A rapid latex slide agglutination test for Campylobacter, intended as a means of identifying enteropathogenic campylobacters grown in enrichment broths or on selective plates	50 tests
F48	Microgen™ Listeria - A rapid latex slide agglutination slide test for confirmation of Listeria species on solid selective media	100 tests

Rapid tests for the detection of pathogenic bacteria from work surfaces or processing equipment		
CODE	PRODUCT DESCRIPTION	SIZE
PC010	Coliforms Path-Chek Hygiene Medium	100 x 3ml tubes
PC020	Salmonella Path-Chek Hygiene Medium	100 x 3ml tubes
PC080	Listeria Path-Chek Hygiene Medium	100 x 3ml tubes
PCS100	Path-Chek Hygiene pre-moistened swabs	100 Swabs

CODE	PRODUCT DESCRIPTION	SIZE
PUL100E	Pulsifier : For food sample preparation. The Pulsifier's unique action drives microbes into suspension whilst causing minimal tissue disruption. Food suspensions are therefore generally much clearer than traditional types of blenders, 210 -240Volts.	Each
PUL100	As above but requires 110 Volts	Each

MICROGEN BIOPRODUCTS CONDITIONS OF SALE - EXPORT CUSTOMERS

1. GENERAL

- a) These conditions of sale shall govern the supply of products ('Products') by Microgen Bioproducts Limited, 1 Admiralty Way, Camberley, Surrey, GU15 3DT, UK ('Microgen'). Neither the customer's conditions of purchase nor any terms or conditions in order form or other document issued by the customer shall apply to the sale of the Products.

2. PRICE AND PAYMENT

- a) The price of the Products shall be in accordance with Microgen's relevant current price list ruling on the day the Products are despatched from Microgen's depot together with any applicable Value Added Tax. Microgen's list price may be subject to alteration at any time.
- b) The customer shall purchase the Products and Microgen shall sell the Products on an Ex-Works basis (INCOTERMS 2000); the customer shall specify its routing instructions on its purchase order or Customer Profile Form as provided to the customer by Microgen.
- c) Where the customer does not specify any routing instructions, Microgen shall select appropriate routing for the consignment at the customer's risk and expense. Microgen shall use reasonable endeavours to select the most cost effective and appropriate route for the customer and the Products concerned, taking into account the following factors - airline freight rates, estimated importing agent's costs and local delivery, door to door courier costs, nature of the products and any special shipping requirements and the handling and administration charges described herein. Microgen does not warrant that its choice will always provide the lowest net cost or the accuracy of its cost calculations.
- d) When Microgen arranges shipments on behalf of the Customer acting as his agent, it will be assumed that insurance cover for the shipment has either been pre-arranged or is not required by the Customer unless specific instructions are otherwise received.
- e) Any costs associated with document legalisation requested by the customer and incurred by Microgen shall be added to the customer's invoice.
- f) A handling and administration fee shall be added to all invoices where the Products are shipped Airfreight via Freight Handling agents. This fee shall be waived when Door to Door Courier services are used (e.g. DHL or FedEx). This fee may be subject to change.
- g) A small order charge equivalent to GBP55.00 will be levied on orders of less than GBP 650.00 (or equivalent) for deliveries overseas.
- h) If Microgen selects on behalf of the customer a door to door Courier service as the most cost effective route, the courier charges shall be added to the Customer's invoice unless Microgen is advised of direct billing details.
- i) Sums unpaid after the due date shall bear interest at the daily rate of 8% per annum over the base lending rate of Barclays Bank plc, London, UK in force from time to time.
- j) Without prejudice to any other rights and remedies of Microgen, any default by the customer in making payment of the full amount becoming payable on the due date shall entitle Microgen to suspend deliveries under this or any other contract so long as the default continues.
- k) No payments may be withheld by the customer for any reasons nor may any counter claim of the customer be set off against any payment due under the contract without the written consent of Microgen.
- l) Payment shall be made according to the currency of the invoice unless otherwise agreed in writing.
- m) Time for payment is of the essence.
- n) Payment shall be due within 30 days of invoice date where Microgen has approved a credit account. Any variation to credit terms must be agreed with Microgen in writing. Where no credit terms have been established, all payments will be in advance or via VISA or MasterCard.

3. DELIVERY

- a) Delivery terms are as described above.
- b) Microgen shall use its reasonable endeavours to deliver the exact quantity of Products ordered by the customer but shall be entitled to deliver by instalments.
- c) In the event that Microgen is unable to deliver the exact quantity of Products ordered by the customer, Microgen will contact the customer with a projected availability date for the whole order. The customer shall make the choice of accepting part delivery or waiting for the whole order to be completed. If part delivery is accepted by the customer then the balance of the order will be delivered when available on the same terms as described herein.
- d) The customer shall not be entitled to reject the Products by reason only of short delivery.
- e) In the case of Products being supplied for export ex-works, delivery will be when the Products are loaded onto the collection vehicle.

4. EXAMINATION AND CLAIMS

- a) The customer shall, upon delivery, examine the Products and shall promptly (but in any event within 48 hours of delivery) notify Microgen, and the carrier where relevant, of any apparent damage, defect or shortage.
- b) The customer shall notify Microgen if the Products are not delivered within 7 days of the estimated time of delivery as notified by Microgen.

5. CANCELLATION

- a) No credit notes will be issued for incorrectly ordered products.
- b) Orders may not be cancelled without the prior written agreement of Microgen

6. INSURANCE

- a) Microgen does not warrant that the level of insurance offered by carriers will provide the level of cover required by the customer. It is the customer's responsibility to arrange suitable transit policies.

7. COMPLAINTS, RETURNS AND PRODUCT REPLACEMENTS

- a) Microgen shall investigate all reported incidents of Products failing to comply with claimed performance specifications, and will apply any necessary corrective and preventive actions it considers appropriate. Sometimes this will involve returning product to Microgen for investigation. All product returns must be agreed with Microgen in advance. At Microgen's discretion, replacement Product may be sent to the customer whilst an investigation is underway. Microgen reserves the right, however, to invoice the customer for any replacement goods sent, together with any associated shipping costs in the event that the complaint investigation fails to demonstrate a Product defect.

8. SAMPLES

- a) From time to time Microgen may offer sample Product for evaluation or promotional purposes at discounted prices.
- b) In order to reduce the cost of such samples to the customer, Microgen will consolidate samples with routine orders for Products, unless specifically requested by the customer to do otherwise, in which case the additional shipping costs for such samples will be for the customer's account.

9. SHELF LIFE

- a) Microgen's policy on shelf life is to rotate stock so that the shortest shelf life is picked to fill orders before the longest. Other than the two exceptions described below, no Microgen labelled product will be shipped with less than 6 months shelf life remaining at the date of despatch without the prior approval of the customer. No third party product will be shipped with less than 5 months shelf life remaining at the date of despatch without the prior approval of the customer. For S-Test kits and IM kits the minimum shelf life is 4 months remaining at the date of despatch without the prior approval of the customer.
- b) Microgen will not enter into negotiation on the shelf life of any Product.

10. WARRANTY

- a) Microgen warrants that the Products are of merchantable quality and reasonably fit for their purpose at the time of delivery.
- b) No other warrants, guarantees or conditions expressed or implied (by common law, statute or otherwise) as to quality or fitness for any purpose shall apply to the sale of the Products by Microgen.
- c) Microgen's sole liability under the warranty shall be to replace defective Products.
- d) Microgen shall not be liable for any consequential or indirect loss arising from its sale of the Products to the customer.
- e) Where instruments are offered for sale by Microgen a one year warranty on parts and labour is provided. No other warranty or servicing arrangement is offered by Microgen and the Customer will need to make such arrangements for themselves.

11. PROPERTY AND RISK

- a) Legal title of the goods shall remain with Microgen until such time as Microgen has received payment of the purchase price of the goods and the purchase price of any other goods or services previously or subsequently supplied by Microgen to the customer, whereupon such title shall pass to the customer. The customer gives Microgen licence to enter his premises in order to remove goods which are the subject of this retention of title clause.
- b) Risk in the product shall pass to the customer on delivery, as described above.

12. VARIATION OF TERMS

- a) No variation in these Terms and Conditions of Sale may take effect without the prior written consent of Microgen.