

# MICROGEN

BIOPRODUCTS



## **MICROGEN BIOPRODUCTS®**

### Clinical Product Catalogue

Part of the  
**NOVACYT**  
GROUP

## Development, Manufacture and Distribution of High Quality Solutions for Clinical, Food and Environmental Testing Laboratories

Welcome to the Microgen Bioproducts Product Catalogue 2018/19. Here at Microgen we specialise in the manufacturing, marketing and distribution of a broad range of proven testing solutions for application in diagnostic and industrial laboratories worldwide.

As part of the Novacyt Group, we share collective experience across multiple scientific backgrounds and disciplines including Bacteriology, Virology, Cellular Pathology, Molecular Biology and Cancer Biology. We use this in combination to offer the most complete, functional and cost-effective products and services to our end-users.

Here at Microgen Bioproducts, our investment into our own development means that many of our products are developed from within and follow the same pattern of end-user focus throughout their evolution. This focus is further underlined by our passion to deliver complete solutions and include the provision in instrumentation like the Pulsifier II® which further enhances the end-user experience. The emphasis on reliable and practical solutions is mirrored in the other products we source from our selected partners.

In addition, our long history and ability to build successful partnerships has created a global network of direct and distributor-led sales, affording us the unique understanding of how to provide solutions into countries of different political, financial and cultural origin.

As a leading supplier of laboratory testing solutions, we shall continue to maintain our reputation for high quality, reliable and dependable service, whilst promising to maintain focus on our customers when delivering new products.

M I C R O G E N  
B I O P R O D U C T S

L A B 2 1  
H E A L T H C A R E

P R I M E R  
D E S I G N

N O V A P R E P

L A B 2 1

Part of the  
N O V A C Y T  
G R O U P

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## Contact and Ordering

The Microgen Bioproducts customer service team, based in Camberley, UK is happy to help you. Alternatively, please contact your local distributor/representative. If you are unsure who your local distributor is, please contact our customer services team who will direct your enquiry. We welcome all questions and any feedback about our products and services.

FOLLOW US  
on our company  
page on LinkedIn

in



### Ordering Information

To place an order, please use the telephone number provided. Alternatively, you can email us, and we will respond promptly.



### Contact Information

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## Quality Assurance

To ensure we develop and manufacture only the highest quality products we operate a Quality Management System approved to ISO13485 and ISO9001 International Standards.

### CE Marking

All Microgen® Bioproducts for clinical laboratory usage carry CE Marking.

### AOAC Approval

Microgen® Listeria ID and Microgen® GNA-ID carry AOAC approval, certificates can be downloaded from:

[www.microgenbioproducts.com/downloads/](http://www.microgenbioproducts.com/downloads/)



## Intro to PathFlow™

PathFlow™ is the name of Microgen Bioproducts new range of next generation lateral flow assays, bringing speed, accuracy and performance when you need it most. These tests will arm professionals with the necessary information to maximise the effectiveness of appropriate patient management. The range is expanding quickly and will encompass the widest range of microbiological testing solutions.



## PathFlow™

## Clinical Biochemistry

A range of simple, reliable bacterial identification systems for the accurate diagnosis of specific clinical targets.



### Microgen® GNA-ID

**Description:** A 12 substrate biochemical identification system for *Enterobacteriaceae* from clinical samples.

Kit Size	Product Code
60 tests	GNA MID-64CE

### Microgen® GNB-ID

**Description:** A 12 substrate biochemical identification system for *Enterobacteriaceae* from clinical samples.

Kit Size	Product Code
24 tests	GNB MID-65CE

### Microgen® GN-ID A+B

**Description:** A combined test kit for the detection of groups A and B of *Enterobacteriaceae*.

Kit Size	Product Code
30 tests	MID-644CE

### Microgen® S-Test

**Description:** For the in vitro screening of human blood samples to detect the presence of Haemoglobin-S.

Kit Size	Product Code
50 tests	M96-50CE
2 x 0.5ml	M96-ControlCE

### Additional Biochemical Consumables:

Microgen's bacterial identification systems require additional consumables that need to be ordered separately, as and when required. Please refer to website or Customer Services for more information on specific assay requirements for your product of interest.

MID61A	Nitrate A reagent	MID61E	TDA reagent	MID61K	Ninhydrin filled vial
MID61B	Nitrate B reagent	MID61F	Indole Kovacs reagent	MID61L	PYR Reagent
MID61C	VP I reagent	MID61G	Oxidase Strips		
MID61D	VP II reagent	MID61H	Mineral Oil		



## Microgen® Biochemical ID Software

### Microgen® Biochemical ID Software

- A complete identification system, no additional materials required
- Microgen® Biochemical ID systems are supported by the most comprehensive, powerful and easy to use, computerised identification system available
- The combination of the appropriate Microgen® Biochemical ID system and software provides laboratories with a total package to meet their organism identification needs
- The Microgen®-ID system software has an extensive and fully maintained database which includes free database updates for all registered users
- All users of Microgen® Biochemical ID products and software should register as software users in order to be provided with their Software Update Password

**Microgen ID**

File Edit Test System Language Help

**Specimen Details**

Date: 19/02/2016  
Lab Ref: 123  
Name: MBL  
Specimen Type:   
Specimen Source:   
Notes:

**Results Entry**

Test System: Microgen GNA  
Octal Code: 7702  
Press ENTER to calculate identification

+ LYS + MAN - UR  
+ ORN + XYL - VP  
+ H2S - ONP + CIT  
+ GLU - IND - TDA

**Identification Analysis**

Selected ID Choice	Salmonella species	S. Choleraesuis	S. Arizonae	S. Pullorum	S. Gallinarum
1/1	1/9	1/13	1/1,310	1/160,006	
Probability	80.89%	11.51%	7.53%	0.08%	<0.01%
Percent Probability	100%	33.33%	8.7%	0.1%	<0.01%
Likelihood	Yes	Yes	Yes	Yes	Yes
Human Isolate	Yes	Yes	Yes	Yes	Yes
Tests Against			ONP(92%)	CIT(0.1%)	CIT(0.1%) ORN(1%)
Test 1					
Test 2					
Test 3					
Additional Tests					
Acid from Sorbitol	95%	90%	99%	10%	1%
Malonate Utilization	0.1%	0.1%	95%	0.1%	0.1%
Acid from Rhamnose	95%	99.9%	99%	99.9%	10%
Acid from Arabinose	99%	0.1%	99%	99.9%	80%
Additional Comments	11	11	11	11	11

**Identification Comments**

**Very Good Identification of Salmonella species**  
The strain is very typical and is moderately well separated from other suggested identification choices

**Additional Comments**  
11. Salmonella cannot be fully identified using biochemistry alone. Perform Polyvalent 'O' and 'H' slide agglutination to confirm, and serotype

Append Results Print... Exit

MID12T Microgen GNA C:\MBawa\My Documents\mid.mgr

## Foodborne Illness

A range of latex products for the rapid diagnosis of the most common pathogens for foodborne illness.



### Microgen® Campylobacter Latex

**Description:** Latex agglutination test for the detection of *Campylobacter* spp.

Kit Size	Product Code
50 tests	M46CE

### Microgen® Salmonella Latex

**Description:** Latex agglutination test for the detection of *Salmonella*.

Kit Size	Product Code
50 tests	M42CE

### Microgen® E.coli 0157 Latex

**Description:** Latex agglutination test for the detection of *E.coli* 0157.

Kit Size	Product Code
50 tests	M44CE

## Bowel Disease

A range of different technologies for common pathogens and causatives of bowel disease.



### PathFlow™ *C.difficile*

**Description:** Rapid, qualitative detection of *Clostridium difficile* from patient stool.

COMING  
SOON

### PathFlow™ *H.pylori* Antigen

**Description:** Rapid, qualitative detection of *Helicobacter pylori* antigen from patient stool.

COMING  
SOON

### Microgen® *C.difficile* Latex

**Description:** Latex agglutination test for the detection of *Clostridium difficile*.

Kit Size	Product Code
50 tests	M41CE

### Clostridium Difficile Cytotoxin

**Description:** Gold standard cytotoxin testing solutions for the detection of *Clostridium difficile* toxin utilising Hs27 Ready Cells™ or MRHF Fresh Cells.™

Kit Type	Product Code
Toxin Kit Complete	03-05000
Antitoxin	03-05300
Toxin Control	03-05130

### Accessories

Planting Medium and Antibiotics, specific Rinse and Re-Feed medium for both Ready Cells™ and single cell cultures are available to order separately.

## Viral Gastroenteritis

A range of tests for the rapid detection of the most common viral causes of gastroenteritis.



### PathFlow™ Rotavirus/Adenovirus Combi Test

**Description:** Rapid, qualitative detection of rotavirus and adenovirus from patient stool.

COMING  
SOON

### Rotascreen® and Adenoscreen® Latex

**Description:** Latex agglutination tests (separate) for the detection of Rotavirus and Adenovirus from clinical samples.

Kit Size	Product Code
50 tests	M80CE
50 tests	M81CE

## Viral Gastroenteritis *Continued*

### Microgen® Rotascreen Dipstick

**Description:** A rapid, easy to use dipstick for the detection of Rotavirus direct from faecal samples.

Kit Size	Product Code
25 tests	M580CE

### PathFlow™ Norovirus

**Description:** Rapid, qualitative detection of Norovirus from patient stool.

COMING  
SOON

## Respiratory Infection

A range of tests for the rapid detection of causative agents of respiratory illness.



### PathFlow™ RSV

**Description:** Rapid, qualitative detection of RSV from nasopharyngeal swab and nasal aspirate patient samples.

COMING  
SOON

### PathFlow™ Influenza A&B

**Description:** Rapid, qualitative detection of Influenza A&B from nasopharyngeal or throat swab and nasal aspirate patient samples.

COMING  
SOON

### Microgen® Legionella Latex

**Description:** Latex agglutination test for the detection of *L.pneumophila*.

**Assay reagents of this product are also available as individual components. Please enquire about availability.**

Kit Size	Product Code
50 tests	M45CE

## Staphylococcus

A range of different technologies for the specific detection of Staphylococci.



### Microgen® Staph-ID

**Description:** 12 substrate biochemical identification system for *Staph spp.* from clinical samples.

Kit Size	Product Code
20 tests	MID-69CE



## Staphylococcus *Continued*

### Microgen® Staphylococcus Latex

**Description:** Latex agglutination test for the detection of *Staphylococcus aureus*.

Kit Size	Product Code
100 tests	M43CE
500 tests	M433CE

## Streptococcus

A range of different technologies for the specific detection of Streptococci.



### Microgen® Strep-ID

**Description:** Biochemical identification system for *Streptococcus*, *Enterococcus* and related species from clinical samples.

Kit Size	Product Code
20 tests	MID-62CE

### Microgen® Streptococcus Latex

**Description:** Latex agglutination test for the detection of *Streptococcus* A, B, C, D, F and G.

Kit Size	Product Code
50 tests	M47CE

## Infectious Mononucleosis

A range of tools for the differential diagnosis of Infectious Mononucleosis.



### PathFlow™ Mononucleosis

**Description:** Rapid, qualitative detection of Infectious Mononucleosis from whole blood, serum or plasma samples.

Kit Size	Product Code
25 tests	M120CE

### Microgen® Infectious Mononucleosis

**Description:** IM Screening Reagent and IM Kit for the in vitro testing of human serum or plasma for the presence of heterophile antibodies associated with infectious mononucleosis.

Kit Size	Product Code
40 tests	M122CE
40 tests	M121CE

## Fungal Serology

A range of laboratory based tests for the specific detection of fungal pathogens from serum samples.



### Aspergillus

**Description:** Double diffusion assay for the detection of precipitating antibodies to *Aspergillus fumigatus* in serum.

Kit Size	Product Code
20 tests	FSK1CE

### *M. faeni*

**Description:** Double diffusion assay for the detection of precipitating antibodies to thermophilic actinomycetes.

Kit Size	Product Code
20 tests	FSK3CE

### Avian Allergens

**Description:** Double diffusion assay for the detection of precipitating antibodies elicited to the inhalation of avian allergens.

Kit Size	Product Code
20 tests	FSK4CE

### Double Diffusion Plates

**Description:** These plates are specially formulated to optimise the detection of precipitating antibodies. Record cards included.

Kit Size	Product Code
20 tests	FSKDDPCE

## Cell Culture (UK Only)

Cell lines in different formats for various laboratory based diagnostic purposes. **FOR PRODUCT CODES AND ORDERING PURPOSES, PLEASE CONTACT A MEMBER OF OUR CUSTOMER SERVICE TEAM TO DISCUSS YOUR SPECIFIC REQUIREMENTS.**



### Fresh Cells™

**Description:** A range of conventional, single monolayer cell line products and innovative mixed cell line products which combine two compatible cell lines for detecting a broad range of viruses.

### Ready Cells™

**Description:** A range of mixed cell lines in Ready Cell™ format.

### Fresh Frozen Cells™

**Description:** A range of single and mixed cell lines available in a Fresh Frozen™ cell format.

## Buffer Concentrates



### Concentrates

**Descriptions:** Various individual reagents offered in concentrated format.

Kit Size	Product Code
500ml	M34A
150ml	M7
25ml	M1

## hCG Pregnancy Testing



### Human Chorionic Gonadotropin (hCG) Test for Early Detection of Pregnancy

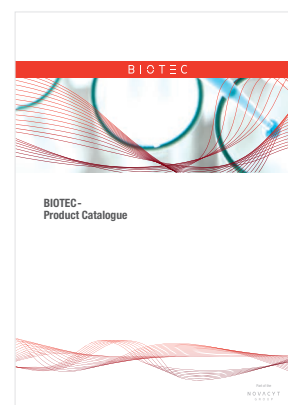
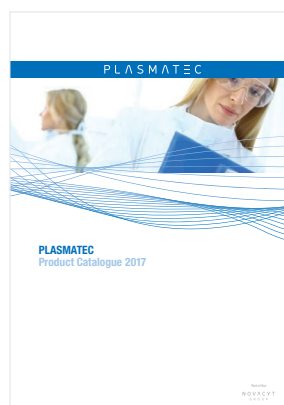
**Description:** Two different formats for the rapid detection of hCG from urine, serum or plasma.

Kit Size	Product Code
50 tests (strip)	60182
40 tests (cassette)	60186

**For a comprehensive list of Plasmatec and Biotec assays and reagents to satisfy your Blood Grouping and IVD applications, pick up a copy of our Plasmatec and Biotec product catalogues now.**

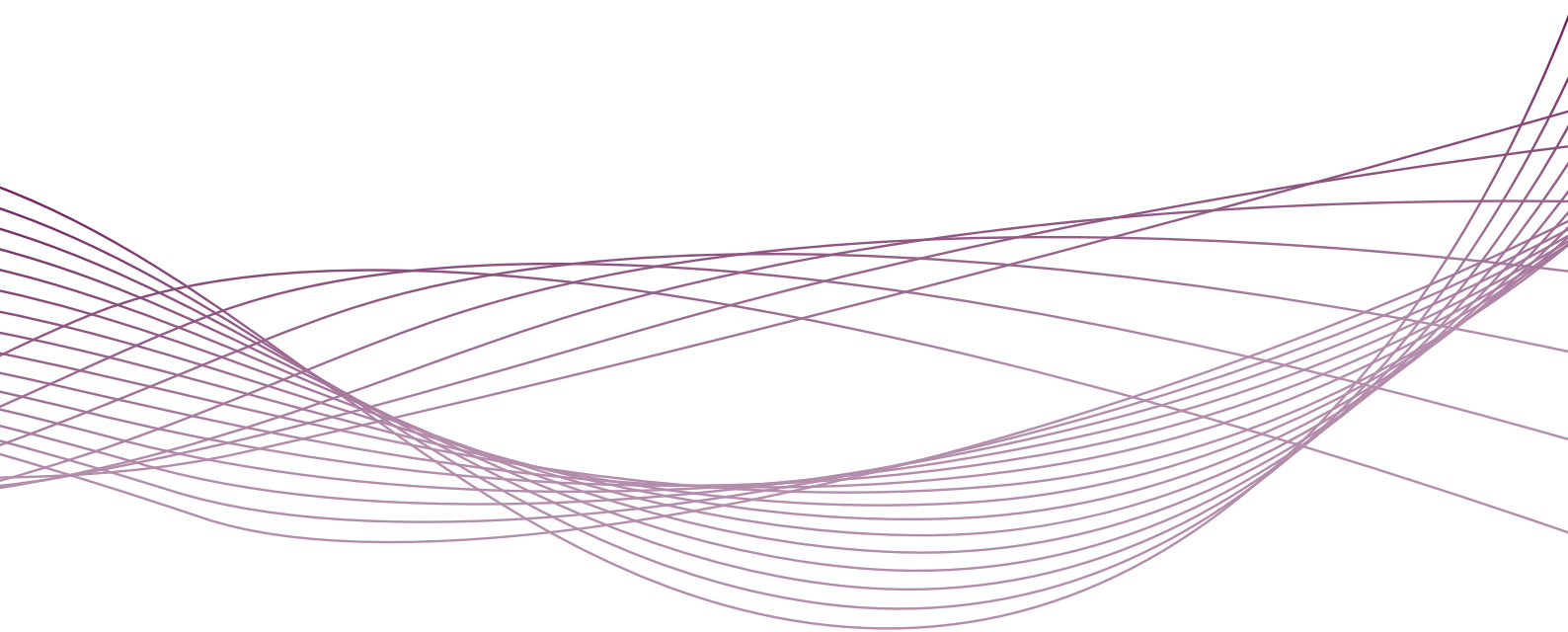
Plasmatec manufactures and markets in vitro diagnostic tests across more than 70 countries worldwide.

Biotec is a leading manufacturer and supplier of diagnostic reagents, test kits and blood grouping reagents.



**For more information, and full product listing, check out our website at [www.lab21healthcare.com](http://www.lab21healthcare.com)**

AVIPATH AVITEX BETATEX FLUOROTECT  
IMMUTREP MICROPATH PATHOZYME VIROTECT



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