MICROGEN
BIOPRODUCTS

MICROGEN BIOPRODUCTS®

Food and Industrial 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.

MICROGEN BIOPRODUCTS

LAB 21 HEALTHCARE

PRIMER DESIGN

NOVAPREP

LAB 21

Part of the NOVACYT GROUP

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Food and Industrial Microbiology

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

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

Contact Information
Microgen Bioproducts Ltd
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www.microgenbioproducts.com

Quality Assurance

To ensure we develop and manufacture only the highest quality products we operate a Quality Management System approved to ISO13485:2003 and ISO9001:2008 International Standards.

ISO 13485: 2003 Certified
ISO 9001: 2008 Certified

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/

AOAC INTERNATIONAL

Biochemical Identification Kits

A range of simple, reliable bacterial identification systems for food, environmental and industrial laboratories.

Microgen® GNA-ID

Description: 12 substrate biochemical identification system for *Enterobacteriaceae* from foods and other environmental samples. AOAC-RI Approved.

Kit Size	Product Code
60 tests	MID-64CE

Microgen® GNB-ID

Description: 12 substrate biochemical identification system for *Enterobacteriaceae* from foods and other environmental samples.

Kit Size	Product Code
24 tests	MID-65CE

Microgen® Listeria-ID

Description: 12 substrate biochemical identification system for *Listeria spp.* from foods and other environmental samples.

Kit Size	Product Code
20 tests	MID-67

Microgen® Bacillus-ID

Description: 24 substrate biochemical identification system for *Bacillus spp.* from foods and other environmental samples.

Kit Size	Product Code
20 tests	MID-66CE

Microgen® Staph-ID

Description: 12 substrate biochemical identification system for *Staph spp.* from foods and other environmental samples.

Kit Size	Product Code
20 tests	MID-69CE

Microgen® Strep-ID

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

Kit Size	Product Code
20 tests	MID-62CE

Additional Biochemical Consumables:

Please refer to website or Customer Services for more information on what is required for your product.

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

Biochemical Identification Kits *Continued*

Rapid Confirmation of *L.monocytogenes* isolated on chromogenic agar plate media.

Microgen® Rap-ID *L.mono*

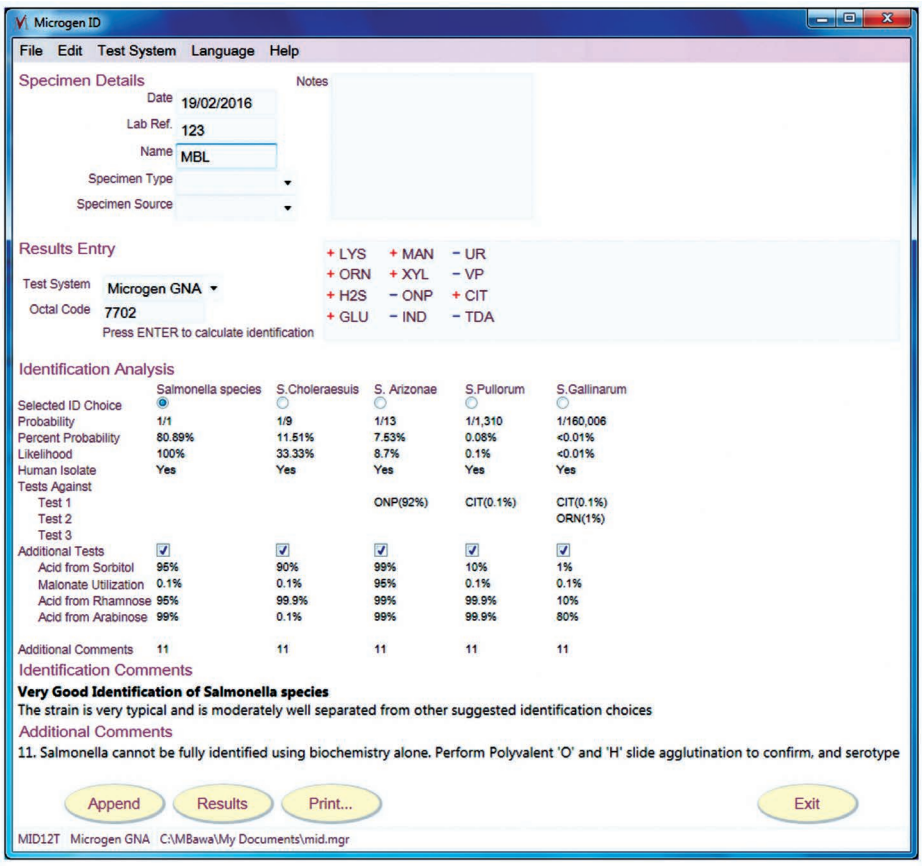
Description: Complete confirmation system for the identification of *L.monocytogenes* from chromogenic agar.

Kit Size	Product Code
96 tests	RAP01

Microgen® Biochemical ID Software

Microgen® Biochemical ID Software

- 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



Microgen® Latex Agglutination Kits

Simple one-step identification and confirmation of a range of pathogenic bacteria.

Microgen® Campylobacter Latex

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

Kit Size	Product Code
50 tests	F46

Microgen® Salmonella Latex

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

Kit Size	Product Code
50 tests	F42

Microgen® Listeria Latex

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

Kit Size	Product Code
50 tests	F48

Microgen® *E.coli* 0157 Latex

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

Kit Size	Product Code
50 tests	M44CE

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

Microgen® Staphylococcus Latex

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

Kit Size	Product Code
100 tests	M43CE
500 tests	M433CE

Microgen® Path-Chek Hygiene Tests

Rapid tests for the detection of a range of bacteria from work surfaces and the processing environment.

Microgen® Path-Chek Listeria

Description: Simple, swab-based test for the detection of *Listeria* by direct testing of surfaces.

Kit Size	Product Code
100 tests	PC080

Microgen® Path-Chek Salmonella

Description: Simple, swab-based test for the detection of *Salmonella* by direct testing of surfaces.

Kit Size	Product Code
100 tests	PC020

Microgen® Path-Chek Coliforms

Description: Simple, swab-based test for the detection of *Coliforms* by direct testing of surfaces.

Kit Size	Product Code
100 tests	PC010

Additional information

Path-Chek Consumables:
PCS-100 Swabs

Microgen® Path-Chek Protein

Description: Simple and instant swab test for the assessment of cleaning efficiency by the detection of protein and possible allergens.

Kit Size	Product Code
100 tests	PC006

Pulsifier II®

Offering you a cleaner, faster and more efficient way of sampling.

Microgen® Pulsifier II®

Pulsifier II® employs a revolutionary technology for the processing of food samples for microbiological examination.

Unlike paddle-type instruments the Pulsifier II® vibrates the outside of the plastic bag containing the food sample at high frequency producing a combination of shock waves and intense stirring which drives the microbes into suspension.

Pulsification has been shown in food types to be less destructive to the sample producing lower concentrations of debris.

- Gentle action provides bacterial suspension without the need to break down food sample
- Less suspended food debris therefore easier pipetting
- Cleaner samples make plate reading easier and more accurate
- Efficient process – microbe recovery is equivalent to or better than alternative methods
- Faster sample preparation time of 15 seconds for most foods
- Faster filtration as a result of cleaner sample
- Increases laboratory efficiency
- Reduced disruption of food matrix minimises inhibition/interference with PCR, flow cytometry techniques
- Pulsifier® is included in ISO:7218:2007*(E)*; Microbiology of food and animal feeding stuffs

Microgen® Pulsifier II®		
Product Code	**Product**	**Accessories**
PUL200	Pulsifier II® 230v ±10%/50-60Hz	PUL512 Pulsifier II® Bags *(500 bags/box)*
PUL201	Pulsifier II® 110v ±10%/50-60Hz	PUL512 Pulsifier II® Bags *(500 bags/box)*

Additional information

Check out the demonstration video on Microgen's YouTube page now for a glimpse of how Pulsifier can improve your sampling methods!

Bacterial Typing Antisera

A high quality range of typing sera for the accurate and efficient identification and typing of *Salmonella, E.Coli* and *Vibrio Cholerae.*

Microgen® Typing Sera

Bacterial Typing Antisera:

Salmonella Antisera

O Polyvalent Antisera

Salmonella O Polyvalent A-S
Salmonella O Polyvalent A-I
Salmonella OMA : A+B+D+E+L
Salmonella OMB : C+F+G+H
Salmonella OMC : 16+17+18+28+30+35+38
Salmonella OMD : 39+40+41+42+43+44+45
Salmonella OME : 47+48+50+51+52+53+61
Salmonella OMF : 54+55+56+57+58+59
Salmonella OMG : 60+62+63+65+66+67

O Group Antisera

Salmonella O Group A (O:1,2,12)
Salmonella O Group B (O:4,5,27)
Salmonella O Group C (O:6,7,8,14,20)
Salmonella O Group D (O:9,46)
Salmonella O Group E (O:3,10,15,19,34)
Salmonella O Group F (O:11)
Salmonella O Group G (O:13,22,23)
Salmonella O Group H (O:6,14,24)
Salmonella O Group I (O:16)
Salmonella O Group J (O:17)
Salmonella O Group K (O:18)
Salmonella O Group L (O:21)
Salmonella O Group M (O:28)
Salmonella O Group N (O:30)
Salmonella O Group O (O:35)
Salmonella O Group P (O:38)
Salmonella O Group Q (O:39)
Salmonella O Group R (O:40)
Salmonella O Group S (O:41)
Salmonella O Group T (O:42)
Salmonella O Group U (O:43)
Salmonella O Group V (O:44)
Salmonella O Group W (O:45)
Salmonella O Group X (O:47)
Salmonella O Group Y (O:48)
Salmonella O Group Z (O:50)
Salmonella O Group 51
Salmonella O Group 52
Salmonella O Group 53
Salmonella O Group 55
Salmonella O Group 56
Salmonella O Group 57
Salmonella O Group 58
Salmonella O Group 59
Salmonella O Group 60
Salmonella O Group 61
Salmonella O Group 62
Salmonella O Group 63
Salmonella O Group 65
Salmonella O Group 66
Salmonella O Group 67

O Factor Antisera

Salmonella O : 1
Salmonella O : 2
Salmonella O : 4
Salmonella O : 5
Salmonella O : 61
Salmonella O : 62
Salmonella O : 7 (C_1)
Salmonella O : 8 (C_2)
Salmonella O : 9 (D_1)
Salmonella O : 10 (E_1)
Salmonella O : 12
Salmonella O : 14 (C_4)
Salmonella O : 15 (E_2)
Salmonella O : 19 (E_4)
Salmonella O : 20 (C_3)
Salmonella O : 22 (G_1)
Salmonella O : 23 (G_2)
Salmonella O : 25
Salmonella O : 27
Salmonella O : 34 (E_3)
Salmonella O : 46 (D_2)

Salmonella Vi Antisera

Salmonella Vi

Salmonella H Antisera

H Polyvalent Antisera

Salmonella Polyvalent H (Phase 1 & 2)
Salmonella HMA :
Salmonella HMB :
Salmonella HMC :
Salmonella HMD :
Salmonella HME :
Salmonella HMF
Salmonella H : 1 complex :
Salmonella H : E complex :
Salmonella H : G complex :
Salmonella H : L complex :
Salmonella H : Z_4 complex :

H Phase Antisera

Salmonella H : a
Salmonella H : b
Salmonella H : c
Salmonella H : d
Salmonella H : i
Salmonella H : k
Salmonella H : r
Salmonella H : y
Salmonella H : z
Salmonella H : z_6
Salmonella H : z_{10}
Salmonella H : z_{29}
Salmonella H : z_{35}
Salmonella H : z_{36}
Salmonella H : z_{38}
Salmonella H : z_{39}
Salmonella H : z_{41}

Salmonella H : z_{42}
Salmonella H : z44
Salmonella H : z_{52}
Salmonella H : z_{53}
Salmonella H : z_{54}
Salmonella H : z_{55}
Salmonella H : z_{57}
Salmonella H : z_{60}
Salmonella H : z_{61}

H Factor Antisera

Salmonella H : f
Salmonella H : g
Salmonella H : h
Salmonella H : m
Salmonella H : n,x
Salmonella H : p
Salmonella H : q
Salmonella H : s
Salmonella H : t
Salmonella H : u
Salmonella H : v
Salmonella H : w
Salmonella H : x
Salmonella H : 2
Salmonella H : 5
Salmonella H : 6
Salmonella H : 7
Salmonella H : z_{13}
Salmonella H : z_{15}
Salmonella H : z_{23}
Salmonella H : z_{24}
Salmonella H : z_{28}
Salmonella H : z_{32}
Salmonella H : z_{51}

H R-Phase Antisera

Salmonella H : Rz27
Salmonella H : Rz40
Salmonella H : Rz45
Salmonella H : Rz59
Salmonella H : Rz66

Salmonella Antisera for Phase Inversion (Preserved with Glycerine)

Salmonella H : a
Salmonella H : b
Salmonella H : c
Salmonella H : d
Salmonella H : e,h
Salmonella H : e,n,x
Salmonella H : e,n,z_{15}
Salmonella H : f,g
Salmonella H : g,m
Salmonella H : g,m,s
Salmonella H : g,p
Salmonella H : g,p,u
Salmonella H : g,q
Salmonella H : g,s,t
Salmonella H : g,z_{51}
Salmonella H : i
Salmonella H : k
Salmonella H : l,v
Salmonella H : l,w
Salmonella H : l,z_{13}
Salmonella H : l,z_{28}
Salmonella H : m,t
Salmonella H : r
Salmonella H : y
Salmonella H : z
Salmonella H : z_4,z_{23}
Salmonella H : z_4,z_{24}
Salmonella H : z_4,z_{32}
Salmonella H : z_6
Salmonella H : z_{10}
Salmonella H : z_{27}
Salmonella H : z_{29}
Salmonella H : z_{35}
Salmonella H : z_{36}
Salmonella H : z_{38}
Salmonella H : z_{39}
Salmonella H : z_{41}
Salmonella H : z_{42}
Salmonella H : z_{44}
Salmonella H : z_{52}
Salmonella H : z_{53}
Salmonella H : z_{54}
Salmonella H : z_{55}
Salmonella H : z_{57}
Salmonella H : z_{59}
Salmonella H : z_{60}
Salmonella H : z_{61}

Salmonella Antisera for Phase Inversion (Preserved with Glycerine)

Salmonella H : z_{66}
Salmonella H : 1,2
Salmonella H : 1,5
Salmonella H : 1,6
Salmonella H : 1,7
Salmonella H : Rz_{40}
Salmonella H : Rz_{45}

Vibrio Cholerae Antisera

Vibrio cholerae O1 Polyvalent
Vibrio cholerae Inaba
Vibrio cholerae Ogawa
Vibrio cholerae O139
Vibrio cholerae O141

E.coli Antisera

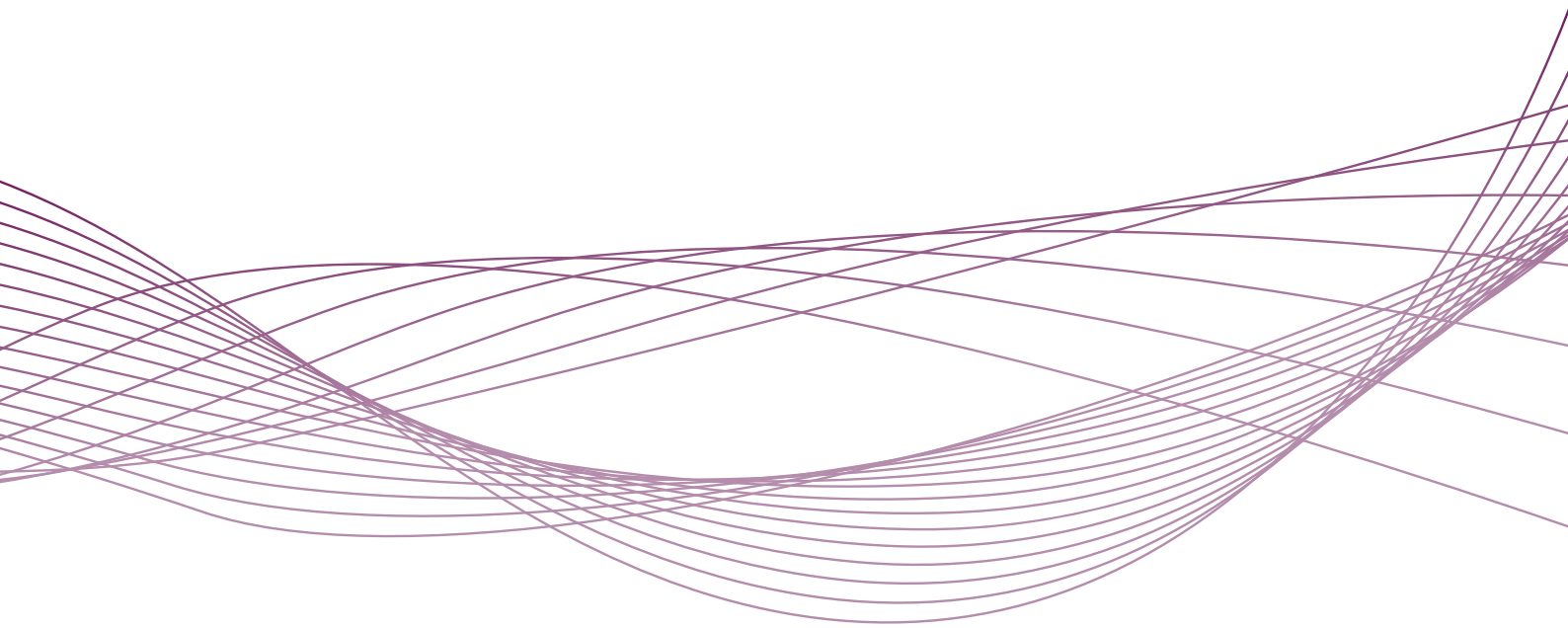
E.coli (O & K) Polyvalent I
E.coli O 25 : K 11
E.coli O 26 : K 60
E.coli O 44 : K 74
E.coli O 55 : K 59
E.coli O 78 : K 80
E.coli O 111 : K 58
E.coli O 114 : K -
E.coli O 119 : K 69
E.coli (O & K) Polyvalent II
E.coli O 86 : K 61
E.coli O 124 : K 72
E.coli O 200 : K 70
E.coli O 126 : K 71
E.coli O 127 : K 63
E.coli O 128 : K 67
E.coli (O & K) Polyvalent III
E.coli O 18a O 18c : K 77
E.coli O 20a O 20b : K 84
E.coli O 28 : K 73
E.coli O 112a O 112c : K 66
E.coli O157
E.coli H7
E.coli O1 : K1
E.coli O2

Special Products

Salmonella O Group D (O : 9,12) Antigen (for *S.pullorum*)

Visit our website II for more information on individual Antisera products.

www.microgenbioproducts.com



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GMM-129-EN revision 1.

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