

PRODUCT CATALOGUE

New Product Details Enclosed

www.pro-lab.co.uk

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Dear Customer,

Pro-Lab Diagnostics is proud to present our current catalogue. Included in the following pages is a comprehensive range of carefully chosen products manufactured and supplied by Pro-Lab Diagnostics for today's discerning microbiologists.

All products manufactured by Pro-Lab Diagnostics are produced to the highest possible standards under the strictest of conditions in our own laboratories. All Pro-Lab facilities are registered under the ISO 13485:2016 (CMDCAS) standard. The dedication of the company in supplying a continually expanding range of innovative products remains a key priority, as does maintaining the highest possible standard of service to all of its customers.

Thank you for choosing Pro-Lab Diagnostics.

Delivering Today, Researching for Tomorrow.

In order to continually improve the service that we offer to our customers worldwide, the Pro-Lab Diagnostics website has recently been upgraded to offer increased accessibility and ease of use of a number of important customer support features.

As well as offering product updates and company news on a continually updated basis, IFUs, product brochures, training manuals, certificates and many other documents can be easily downloaded and requested. The site also now hosts a simple-to-use online ordering system.

www.pro-lab.co.uk

Please take a look at the new site, and feel free to make any suggestions for enhancement.



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Advanced Bacterial and Fungal Preservation System



Microbank®, the original system for the long-term storage and retrieval of bacterial and fungal cultures now enjoys over 30 years of successful storage and referenced performance, with over 40 million vials manufactured and supplied worldwide.

Microbank® provides a more reliable means of maintaining important cultures than repetitive subculture, which can result in contaminated cultures, lost organisms or changed characteristics. The specially formulated preservative ensures longer survival of fastidious cultures and higher quantitative recoveries.

Each Microbank® vial contains approximately 25 sterile coloured beads (single colour) and the specially formulated cryopreservative unique to Microbank®, allowing storage from -20°C to -70°C. The specially treated beads are of a porous nature allowing microorganisms to readily adhere onto the bead surface. After inoculation the Microbank® vials are kept frozen for extended storage.

When a fresh culture is required, a single bead is easily removed from the Microbank® vial and used to directly inoculate a suitable culture medium.

Microbank® is now routinely available worldwide with 2D barcodes. The concept is simple: the unique barcode is incorporated into the vial label area, leaving ample space for additional labelling, and on the storage box, to enhance your Microbank experience.

With the 2D barcodes, we are also pleased to offer the following: your own Penguin Barcode Reader, Data Storage Device, and advice on a personalised Microbank® Assets Web Database providing the full package of everything you need to get started and to ensure easy location of any stored culture with instant access to its source history.

Microbank® is the original system manufactured exclusively by Pro-Lab Diagnostics for over 30 years. Only Microbank® guarantees up to 30 years of successful storage; data is available in the Microbank® Worldwide Performance Portfolio making it the choice for laboratories worldwide and beyond. Yes, beyond: we have a bacterial collection in outer space developed specifically for a rather well-known organisation.

The long-term storage of microorganisms continues to be a significant challenge in microbiology. Microbank® with unique 2D barcodes offers a platform that utilises porous glass beads and a specially formulated cryopreservative for storage at low temperatures. The additional feature of a unique 2D barcode on each box and each vial facilitates easier documentation and retrieval of your isolates. This format coupled with the Microbank® Cryoblock offers the least possibility of disturbance to your organism, yet permits ready and rapid access.

Extensive, proven performance reference data is available on request in the "Microbank® World Wide Performance Portfolio".

Call the Sales Coordination desk on Tel: 0151 353 1613
E-mail: uksupport@pro-lab.co.uk, to receive your copy.
Or download from www.pro-lab.co.uk

Microbank®

Advanced presentation of 80 vials supplied in a plastic freezer box manufactured from durable plastic with "see through" lids, number locator printed screens, and tube collection device.

PRODUCTS	CODE	SIZE
Microbank® (with 2D barcode) - Blue	PL.170C/B	80 Vials
Microbank® (with 2D barcode) - Green	PL.170C/G	80 Vials
Microbank® (with 2D barcode) - Red	PL.170C/R	80 Vials
Microbank® (with 2D barcode) - Yellow	PL.170C/Y	80 Vials
Microbank® (with 2D barcode) - Light Blue	PL.170C/LB	80 Vials
Microbank® (with 2D barcode) - Mixed (16 x each colour)	PL.170C/M	80 Vials

Microbank® Special Preservation Only

Supplied in the same format as traditional Microbank® with specially formulated broth only.

PRODUCTS	CODE	SIZE
Microbank® - Blue	PL.173/B	80 Vials
Microbank® - Green	PL.173/G	80 Vials
Microbank® - Red	PL.173/R	80 Vials
Microbank® - Yellow	PL.173/Y	80 Vials
Microbank® - Light Blue	PL.173/LB	80 Vials
Microbank® - Mixed (16 x each colour)	PL.173/M	80 Vials



Microbank® Dry

Supplied in the same format as traditional Microbank® without the specially formulated cryopreservation solution.

PRODUCTS	CODE	SIZE
Microbank® - Blue	PL.172/B	80 Vials
Microbank® - Green	PL.172/G	80 Vials
Microbank® - Red	PL.172/R	80 Vials
Microbank® - Yellow	PL.172/Y	80 Vials
Microbank® - Light Blue	PL.172/LB	80 Vials
Microbank® - Mixed (16 x each colour)	PL.172/M	80 Vials

Microbank® Accessories

Freezer storage boxes are available which are suitable for collection and organisation in low-temperature freezers. Available in blue and red, each freezer box will hold 81 Microbank® vials.

PRODUCTS	CODE	SIZE
Microbank® Freezer Storage Box - Blue	PL.169/B-1	Each
Microbank® Freezer Storage Box - Red	PL.169/R-1	Each
Microbank® Freezer Storage Box - Blue	PL.169B/4	4 Pack
Microbank® Freezer Storage Box - Red	PL.169R/4	4 Pack

Also available is the Cryoblock for maintaining low temperatures while working with Microbank® vials on the laboratory bench.

PRODUCTS	CODE	SIZE
Cryoblock Insulated Aluminium Block	PL.155-1	20 Well
Insulated Base & Lid	PL.156	2 Pack
Laminated Log Book	PL.165	12 Charts
Aluminium Cryocanes	PL.166	12 Cryocanes

Prolex™ Latex Agglutination Systems

Prolex™ Latex Agglutination Systems manufactured by Pro-Lab Diagnostics present a range of rapid latex agglutination systems for streptococci, staphylococci (including MRSA), E. coli and Legionella. All kits are presented in our user and environment-friendly modular packaging system with recyclable cardboard.



The manufacture of Prolex™ Latex Agglutination systems employs a redesigned process to enhance performance, clarity of results, and speed of reaction offering advantages over traditional latex reactions.

Latex agglutination reagents used for detection of antigens or antibodies have traditionally been prepared by physical adsorption of biological molecules to the surface of plain polystyrene (PS) microparticles[1].

Although perfectly acceptable latex reagents are created with this methodology, reagent stability and reactivity may be enhanced by covalent attachment of antigens and antibodies to functionalised microparticles.

For example, Ortega-Vinuesa et al.[2] observed that covalent attachment of IgG resulted in improved immunodetection of C-reactive protein and storage characteristics relative to passive adsorption.

The authors speculated this may have been due to more favourable orientation of the IgG on the surface of sensitised microparticles.

Numerous approaches have been developed for covalent attachment of biological molecules to microparticles[1]; however, the most common employs carboxylate-modified microparticles (CM-MP) and chemical cross-linking agents.

Prolex™ Latex Agglutination Systems are based on CM-MP and this represents a significant improvement over the traditional latex kits in terms of product performance characteristics, giving faster, clearer and more specific reactions.

[1] Molina-Bolivar, J.A., Galisteo-Gonzalez, F. (2005) Comprehensive Review - Latex Immunoagglutination Assays. Journal of Macromolecular Science, Part C: Polymer Reviews 45, 59-98.

[2] Ortega-Vinuesa, J.L., Bastos-Gonzalez, D. and Hidalgo-Alvarez, R. (1996) Effect of Storage Time on the Immunoreactivity of IgG Physically Adsorbed or Chemically Bound to Latex Beads. J Colloid Interface Sci 184, 331-334.



Positive Prolex™ CM-MP Reaction

Distinct clumping with full clearing against a white background.



Negative Prolex™ CM-MP Reaction

Smooth suspension with no clumping or clearing of background.



Prolex™ Streptococcal Grouping Kit

The Prolex™ Streptococcal Grouping Latex Kit provides a rapid method for the serological identification of groups A, B, C, D, F and G of the Lancefield groups of streptococci grown on agar plates.

PRODUCTS	CODE	SIZE
Prolex™ Strep Grouping Kit	PL.030	60 Tests
Prolex™ Strep Xtra Select Kit (contact us for further details)	PL.1042	120 Tests

Prolex™ Strep Individual Grouping Reagents

PRODUCTS	CODE	SIZE
Prolex™ Group A Strep Latex	PL.031	60 Tests
Prolex™ Group B Strep Latex	PL.032	60 Tests
Prolex™ Group C Strep Latex	PL.033	60 Tests
Prolex™ Group D Strep Latex	PL.034	60 Tests
Prolex™ Group F Strep Latex	PL.035	60 Tests
Prolex™ Group G Strep Latex	PL.036	60 Tests
Prolex™ Strep Positive Control	PL.040	2.0 ml

Prolex™ Strep Individual Extraction Reagents

PRODUCTS	CODE	SIZE
Prolex™ Streptococcal Extraction Reagent 1	PL.037	3.2 ml
Prolex™ Streptococcal Extraction Reagent 2	PL.038	3.2 ml
Prolex™ Streptococcal Extraction Reagent 3	PL.039	2 x 8.0 ml



Prolex™ Staph Latex Kits

Prolex™ Staph Latex Kits provide a rapid method to distinguish staphylococci (particularly *Staphylococcus aureus*) which possess coagulase (clumping factor) and / or protein A from other species of staphylococci in cultured specimens.

PRODUCTS	CODE	SIZE
Prolex™ Staph Latex Kit	PL.080B	100 Tests
Prolex™ Staph Latex Kit	PL.081B	300 Tests



Prolex™ Staph Xtra Latex Kits

The Prolex™ Staph Xtra Latex Kits provide a rapid method to distinguish *Staphylococcus aureus* and methicillin-resistant *S. aureus* (MRSA) from other species of staphylococci.

PRODUCTS	CODE	SIZE
Prolex™ Staph Xtra Latex Kit	PL.1080	100 Tests
Prolex™ Staph Xtra Latex Kit	PL.1081	300 Tests
Prolex™ Staph Latex Negative Control	PL.086B	7.5 ml

Prolex™ Ancillary Products

PRODUCTS	CODE	SIZE
Latex Agglutination Cards (White)	PL.092-48	48 Cards
Mixing Sticks (Wood)	PL.091	300 Sticks
Mixing Sticks (Paper)	PL.091P	300 Pieces



Prolex™ Escherichia coli O157 Latex Kits

The Prolex™ E. coli O157 Latex Test Kit is an agglutination test kit for the presumptive identification of Escherichia coli serogroup O157.

PRODUCTS	CODE	SIZE
Prolex™ E. coli O157 Latex Kit	PL.070B	50 Tests
Prolex™ E. coli O157 Latex Kit	PL.071B	100 Tests

Prolex™ Escherichia coli O157 Ancillary Products

PRODUCTS	CODE	SIZE
Prolex™ E. coli O157 Positive Control Latex	PL.072B	50 Tests
E. coli O157 Antisera	PL.6250	3.0 ml

Prolex™ Escherichia coli Non-O157 Latex Kits

The Prolex™ E. coli Non-O157 Kit is an agglutination test kit for the presumptive identification of the six most common STE-producing serotypes (E. coli O26, O45, O103, O111, O121 and O145).

PRODUCTS	CODE	SIZE
Prolex™ E. coli Non-O157 Latex Kit	PL.1070	50 Tests
Prolex E.coli O26 Latex Reagent	PL.1071	50 Tests
Prolex E.coli O45 Latex Reagent	PL.1072	50 Tests
Prolex E.coli O103 Latex Reagent	PL.1073	50 Tests
Prolex E.coli O111 Latex Reagent	PL.1074	50 Tests

PRODUCTS	CODE	SIZE
Prolex™ E. coli 0121 Latex Reagent	PL.1075	50 Tests
Prolex E. coli 0145 Latex Reagent	PL.1076	50 Tests
Prolex Negative Control Latex Reagent	PL.1077	50 Tests

Prolex™ Legionella pneumophila Serogroups 1-14 Individual Latex Reagents



The Prolex™ Legionella Agglutination Latex Reagents are intended for the presumptive identification of Legionella pneumophila serogroups 1 to 14 culture colonies from agar plates.

PRODUCTS	CODE	SIZE
Prolex™ L. pneumophila serogroup 1	PL.380	20 Tests
Prolex™ L. pneumophila serogroup 2	PL.215	50 Tests
Prolex™ L. pneumophila serogroup 3	PL.216	50 Tests
Prolex™ L. pneumophila serogroup 4	PL.217	50 Tests
Prolex™ L. pneumophila serogroup 5	PL.218	50 Tests
Prolex™ L. pneumophila serogroup 6	PL.219	50 Tests
Prolex™ L. pneumophila serogroup 7	PL.325	50 Tests
Prolex™ L. pneumophila serogroup 8	PL.326	50 Tests
Prolex™ L. pneumophila serogroup 9	PL.327	50 Tests
Prolex™ L. pneumophila serogroup 10	PL.328	50 Tests
Prolex™ L. pneumophila serogroup 11	PL.329	50 Tests

PRODUCTS	CODE	SIZE
Prolex™ L. pneumophila serogroup 12	PL.330	50 Tests
Prolex™ L. pneumophila serogroup 13	PL.331	50 Tests
Prolex™ L. pneumophila serogroup 14	PL.332	50 Tests
Prolex™ L. micdadei	PL.221	50 Tests
Prolex™ L. pneumophila serogroup 1 Positive Control	PL.382	20 Tests
Prolex™ L. pneumophila serogroup 1 Negative Control	PL.381	20 Tests
Prolex™ L. pneumophila serogroups 2-14 Pos Control	PL.334	20 Tests
Prolex™ L. pneumophila serogroups 2- 4 Neg Control	PL.223	20 Tests
Mixing Sticks (Wood)	PL.091	300 Sticks
Mixing Sticks (Paper)	PL.091P	300 Pieces



Coagulase Plasma

Rabbit Coagulase Plasma is a standardized, lyophilised rabbit plasma used for the qualitative detection of the coagulase enzyme produced by *Staphylococcus aureus*.

PRODUCTS	CODE	SIZE
Rabbit Coagulase Plasma	PL.850-3	10 x 3 ml
Rabbit Coagulase Plasma	PL.850-10	10 ml
Rabbit Coagulase Plasma	PL.850-20	20 ml
Rabbit Coagulase Plasma	PL.850-30	30 ml

Vision™ Slide Agglutination Antisera



Pro-Lab Diagnostics presents Vision™ Antisera, a comprehensive range of antisera in 3.0 and 2.0 ml dropper bottles. Product range includes Polyvalent Somatic Salmonella Antisera, Monovalent Somatic Salmonella Antisera, Polyvalent Flagella Salmonella Antisera, Monovalent Flagella Salmonella Antisera, Polyvalent Rapid Salmonella Diagnostic Sera (RSD), Polyvalent Shigella Slide Antisera and E. coli Slide Agglutination Antisera.

Vision™ antisera are manufactured to WHO (World Health Organization) guidelines, with certified reference centre performance, produced in economical volumes with a maximum 7 year shelf life from date of manufacture.

Vision™ Salmonella Slide Agglutination Antisera

A comprehensive range of Salmonella slide agglutination antisera in 3.0 ml dropper bottles with shelf lives up to seven years from date of manufacture. The range includes a full panel of polyvalent somatic antisera, monovalent somatic antisera, polyvalent flagella antisera and monovalent flagella antisera for traditional slide agglutination testing. Also available is a range of rapid Salmonella diagnostic sera (RSD) for the initial identification of primary groups of Salmonella.

Polyvalent Somatic Salmonella Antisera

PRODUCTS	CODE	SIZE
Polyvalent O A-I + Vi	PL.6000	3.0 ml
Polyvalent O A-S	PL.6002	3.0 ml

Polyvalent Flagella Salmonella Antisera

PRODUCTS	CODE	SIZE
Polyvalent H Phase 1 & 2	PL.6100	3.0 ml
Polyvalent H Phase 2 Factors 1, 2, 5, 6, 7, z6	PL.6101	3.0 ml

Polyvalent Rapid Salmonella Antisera Diagnostic Sera (RSD)

PRODUCTS	CODE	SIZE
Rapid Salmonella Diagnostics Sera RSD 1	PL.6200	3.0 ml
Rapid Salmonella Diagnostics Sera RSD 2	PL.6201	3.0 ml
Rapid Salmonella Diagnostics Sera RSD 3	PL.6202	3.0 ml

Monovalent Somatic Salmonella Antisera

PRODUCTS	CODE	SIZE
Group A Factor 2	PL.6010	3.0 ml
Group B Factor 4	PL.6011	3.0 ml
Group B Factor 5	PL.6012	3.0 ml
Group C Factor 6, 7	PL.6013	3.0 ml
Group C2 Factor 8	PL.6014	3.0 ml
Group D Factor 9	PL.6015	3.0 ml
Group B / D Factor 12	PL.6016	3.0 ml
Group E Factor 3, 10, 15, 19, 34	PL.6017	3.0 ml
Group E1 Factor 10	PL.6018	3.0 ml
Group E2 Factor 15	PL.6019	3.0 ml
Group E4 Factor 19	PL.6020	3.0 ml
Group E3 Factor 34	PL.6021	3.0 ml
Group F Factor 11	PL.6022	3.0 ml
Group G Factor 13, 22, 23	PL.6023	3.0 ml
Group G1 Factor 22	PL.6024	3.0 ml
Group G2 Factor 23	PL.6025	3.0 ml

PRODUCTS	CODE	SIZE
Group C3 Factor 20	PL.6027	3.0 ml
Group I Factor 16	PL.6029	3.0 ml
Group J Factor 17	PL.6030	3.0 ml
Group K Factor 18	PL.6031	3.0 ml
Group L Factor 21	PL.6032	3.0 ml
Group M Factor 28	PL.6033	3.0 ml
Group N Factor 30	PL.6034	3.0 ml
Group O Factor 35	PL.6035	3.0 ml
Group P Factor 38	PL.6036	3.0 ml
Group Q Factor 39	PL.6037	3.0 ml
Group R Factor 40	PL.6038	3.0 ml
Group S Factor 41	PL.6039	3.0 ml
Vi Factor	PL.6040	3.0 ml
Factor 55	PL.6041	3.0 ml

Monovalent Flagella Salmonella Antisera

PRODUCTS	CODE	SIZE
Factor a	PL.6110	3.0 ml
Factor b	PL.6111	3.0 ml
Factor c	PL.6112	3.0 ml
Factor d	PL.6113	3.0 ml
E Complex eh, enx, enz15	PL.6114	3.0 ml
Factor eh	PL.6115	3.0 ml
Factor enx	PL.6116	3.0 ml
Factor enz15	PL.6117	3.0 ml
Factor h	PL.6118	3.0 ml
Factor z15	PL.6120	3.0 ml
G Complex	PL.6121	3.0 ml
Factor gm	PL.6122	3.0 ml
Factor gp	PL.6123	3.0 ml
Factor p	PL.6124	3.0 ml
Factor u	PL.6125	3.0 ml
Factor s	PL.6126	3.0 ml
Factor m	PL.6127	3.0 ml
Factor ht	PL.6128	3.0 ml
Factor f	PL.6129	3.0 ml
Factor q	PL.6131	3.0 ml
Factor i	PL.6133	3.0 ml

PRODUCTS	CODE	SIZE
Factor k	PL.6134	3.0 ml
L Complex	PL.6135	3.0 ml
Factor l, w	PL.6136	3.0 ml
Factor l, v	PL.6137	3.0 ml
Factor w	PL.6138	3.0 ml
Factor v	PL.6139	3.0 ml
Factor z13	PL.6140	3.0 ml
Factor z28	PL.6141	3.0 ml
Factor r	PL.6142	3.0 ml
Factor y	PL.6143	3.0 ml
Factor z	PL.6144	3.0 ml
z4 Complex	PL.6145	3.0 ml
Factor z23	PL.6146	3.0 ml
Factor z24	PL.6147	3.0 ml
Factor z32	PL.6148	3.0 ml
Factor z10	PL.6149	3.0 ml
Factor z29	PL.6151	3.0 ml
Factor 2	PL.6153	3.0 ml
Factor 5	PL.6154	3.0 ml
Factor 6	PL.6155	3.0 ml
Factor 7	PL.6156	3.0 ml
Factor z6	PL.6157	3.0 ml

Vision™ Shigella Slide Agglutination Antisera

Shigella is differentiated from the closely related E. coli on the basis of pathogenicity, physiology and serology. Pro-Lab polyvalent Shigella antisera are intended to aid in the serological identification after culture, isolation and biochemical characterisation of Shigella organisms. These antisera are prepared in rabbits using reference strains according to recognised guidelines, and absorbed to remove cross-reactions. Shigella antisera are supplied in 2.0 ml dropper bottles, in a ready-to-use format.

Polyvalent Shigella Antisera

PRODUCTS	CODE	SIZE
Shigella sonnei Phase 1 & 2	PL.6900	2.0 ml
Shigella flexneri 1-6 X & Y	PL.6901	2.0 ml
Shigella dysenteriae 1-10	PL.6902	2.0 ml
Shigella boydii 1-15	PL.6903	2.0 ml

Vision™ Escherichia coli O157 Slide Agglutination Antisera

Pro-Lab E. coli O157 Antiserum is used for the presumptive identification or confirmation of cultures which have been previously characterised biochemically as E. coli O157.

PRODUCTS	CODE	SIZE
E. coli O157 Antisera	PL.6250	3.0 ml

Legionella Direct Fluorescent Monoclonal Antibody Test Kits



The Direct Fluorescent Antibody Reagents are intended for the presumptive (serological) identification of Legionella pneumophila serogroups 1 to 14 from culture isolates.

PRODUCTS	CODE	SIZE
L. pneumophila serogroup 1	PL.241	50 Tests
L. pneumophila serogroup 1-14	PL.242	50 Tests

Pro-Stains™ Microbiology Stains



An extensive range of ready-to-use and concentrated microbiological staining solutions in a selection of convenient economical sizes.

All stains are manufactured in our own purpose-designed laboratories to the highest standards, in accordance with all current regulatory requirements.

Using the finest raw materials, and adopting strict quality control and filtering techniques prior to release, all stains offer excellent performance characteristics. Also available are a range of convenient staining kits for Gram, TB and Cryptosporidium staining.

In addition to the standard range of products available routinely, Pro-Lab Diagnostics also offers a custom delivery and preparation service.

Full details of the "Stain Connection" can be obtained from the sales coordination desk.

Tel: 0151 353 1613 E-mail: uksupport@pro-lab.co.uk

Standard Sizes Available

SIZE	DESCRIPTION
250 ml	Convenient handheld aseptic dispenser plugged bottles (Kits)
500 ml	Convenient handheld aseptic dispenser plugged bottles
1.0 L	Square bottled bulk container
2.0 L	2 litre container with handle
100 ml	10 x Concentrated solution to be diluted to 1 litre of ready-to-use stain

ProStain™ Racks

PRODUCTS	HOLE SIZE	CODE	SIZE
Pro-Stain™ Station 250 ml 1 x 4	59 mm	PL.R17/001	Each
Pro-Stain™ Station 500 ml 1 x 4	75 mm	PL.R17/002	Each

Pro-Stain™ Staining Kits

PRODUCTS	CODE	SIZE
Gram Staining Kit (Safranin)	PL.8055/25	4 x 250 ml
Gram Staining Kit (Neutral Red)	PL.8056/25	4 x 250 ml
Gram Staining Kit (Dilute Carbol Fuchsin)	PL.8057/25	4 x 250 ml
Acid-Fast Staining Kit for Mycobacterium (ZN / Methylene Blue)	PL.8060/25	4 x 250 ml
Acid-Fast Staining Kit for Mycobacterium (ZN / Malachite Green)	PL.8061/25	4 x 250 ml
Cryptosporidium Staining Kit	PL.8060	7 x 500 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

PRODUCTS	CODE	SIZE
Crystal Violet	PL.7000	500 ml
Crystal Violet	PL.7001	1.0 L
Crystal Violet	PL.7002	2.0 L
Gram's Iodine	PL.7003	500 ml
Gram's Iodine	PL.7004	1.0 L
Gram's Iodine	PL.7005	2.0 L
Gram's Differentiator (50% Acetone / 50% Alcohol)	PL.7006	500 ml
Gram's Differentiator (50% Acetone / 50% Alcohol)	PL.7007	1.0 L
Gram's Differentiator (50% Acetone / 50% Alcohol)	PL.7008	2.0 L

Gram Stains (Ready To Use)

PRODUCTS	CODE	SIZE
Gram's Differentiator (Acetone)	PL.7206	500 ml
Gram's Differentiator (Acetone)	PL.7207	1.0 L
Gram's Differentiator (Acetone)	PL.7208	2.0 L
Gram's Differentiator (Alcohol)	PL.7306	500 ml
Gram's Differentiator (Alcohol)	PL.7307	1.0 L
Gram's Differentiator (Alcohol)	PL.7308	2.0 L
Neutral Red	PL.7009	500 ml
Neutral Red	PL.7010	1.0 L
Neutral Red	PL.7011	2.0 L
Safranin	PL.7012	500 ml
Safranin	PL.7013	1.0 L
Safranin	PL.7014	2.0 L
Dilute Carbol Fuchsin	PL.7015	500 ml
Dilute Carbol Fuchsin	PL.7016	1.0 L
Dilute Carbol Fuchsin	PL.7017	2.0 L
Lugol's Iodine	PL.7052	500 ml
Lugol's Iodine	PL.7053	1.0 L
Lugol's Iodine	PL.7053-2	2.0 L
Iodine Acetone (Liquid Iodine Fortis)	PL.7056	500 ml
Iodine Acetone (Liquid Iodine Fortis)	PL.7057	1.0 L
Iodine Acetone (Liquid Iodine Fortis)	PL.7058	2.0 L

Gram Stains (Ready to Use)

PRODUCTS	CODE	SIZE
Basic Fuchsin / Neutral Red Counterstain	PL.7101	500 ml
Basic Fuchsin / Neutral Red Counterstain	PL.7102	1.0 L
Basic Fuchsin / Neutral Red Counterstain	PL.7103	2.0 L
Crystal Violet - Ammonium Oxalate	PL.7073	500 ml
Crystal Violet - Ammonium Oxalate	PL.7074	1.0 L
Crystal Violet - Ammonium Oxalate	PL.7075	2.0 L
Methyl Violet	PL.7113	500 ml
Methyl Violet	PL.7114	1.0 L
Methyl Violet	PL.7115	2.0 L
Safranin / Neutral Red Counterstain	PL.7116	500 ml
Safranin / Neutral Red Counterstain	PL.7117	1.0 L
Safranin / Neutral Red Counterstain	PL.7118	2.0 L
Immersion Oil (Reduce hazards - DBP free)	PL.396	50 ml

Gram Stains (Conc x 10)

PRODUCTS	CODE	SIZE
Crystal Violet	PL.8000	100 ml
Gram's Iodine	PL.8001	100 ml
Neutral Red	PL.8002	100 ml
Safranin	PL.8003	100 ml
Dilute Carbol Fuchsin	PL.8004	100 ml
Lugol's Iodine	PL.8010	100 ml
Methyl Violet	PL.8011	100 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

Acid-Fast Stains for Mycobacteria (Ready To Use)

PRODUCTS	CODE	SIZE
ZN Carbol Fuchsin	PL.7018	500 ml
ZN Carbol Fuchsin	PL.7019	1.0 L
ZN Carbol Fuchsin	PL.7020	2.0 L
Kinyoun Carbol Fuchsin	PL.7021	500 ml
Kinyoun Carbol Fuchsin	PL.7022	1.0 L
Differentiator - ZN & Kinyoun Carbol Fuchsin	PL.7024	500 ml
Differentiator - ZN & Kinyoun Carbol Fuchsin	PL.7025	1.0 L
Differentiator - ZN & Kinyoun Carbol Fuchsin	PL.7026	2.0 L
Methylene Blue	PL.7027	500 ml
Methylene Blue	PL.7028	1.0 L
Methylene Blue	PL.7029	2.0 L
Malachite Green	PL.7030	500 ml
Malachite Green	PL.7031	1.0 L
Malachite Green	PL.7032	2.0 L
Auramine Phenol	PL.7033	500 ml
Auramine Phenol	PL.7034	1.0 L
Auramine Phenol	PL.7035	2.0 L
Auramine Differentiator	PL.7036	500 ml
Auramine Differentiator	PL.7037	1.0 L
Auramine Differentiator	PL.7038	2.0 L
Potassium Permanganate	PL.7039	500 ml

Acid-Fast Stains for Mycobacteria (Ready to Use)

PRODUCTS	CODE	SIZE
Potassium Permanganate	PL.7040	1.0 L
Thiazine Red	PL.7059	500 ml
Thiazine Red	PL.7060	1.0 L
Malachite Green 1%	PL.7512	500 ml
Malachite Green 10%	PL.7515	500 ml
Malachite Green 2%	PL.7519	1.0 L
Methylene Blue 1%	PL.7525	1.0 L
Methylene Blue 1%	PL.7526	2.0 L
Sulphuric Acid 20%	PL.7100	500 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

Acid-Fast Stains for Mycobacteria (Conc x 10)

PRODUCTS	CODE	SIZE
ZN Carbol Fuchsin	PL.8005	100 ml
Methylene Blue	PL.8006	100 ml
Malachite Green	PL.8007	100 ml
Auramine Phenol	PL.8008	100 ml
Potassium Permanganate	PL.8013	100 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

Cryptosporidium Stains (Ready To Use)

PRODUCTS	CODE	SIZE
Cryptosporidium Stain	PL.7062	500 ml
Cryptosporidium Differentiator 1	PL.7065	500 ml
Cryptosporidium Differentiator 2	PL.7068	500 ml
Cryptosporidium Counterstain	PL.7071	500 ml
Cryptosporidium Fixative	PL.7072	500 ml
Cryptosporidium Diff (99% Methanol / 1% HCl)	PL.7076	500 ml
Cryptosporidium Differentiator (3% HCl)	PL.7077	500 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

Trichomonas Stains (Conc x 10)

PRODUCTS	CODE	SIZE
Acridine Orange	PL.8009	100 ml
Acridine Orange	PL.8009/5	500 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

Speciality Stains

PRODUCTS	CODE	SIZE
Acridine Orange	PL.8009	100 ml
Acridine Orange	PL.8009/5	500 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml
Loeffler's Methylene Blue	PL.7050	500 ml
Loeffler's Methylene Blue	PL.7051	1.0 L
Lactophenol Cotton Blue	PL.7054	500 ml
Lactophenol Cotton Blue	PL.7055	1.0 L
Lactofuchsin	PL.7154	100 ml

Speciality Stains

PRODUCTS	CODE	SIZE
Leishman's Stain	PL.7047	500 ml
Iodine Acetone (Liquid Iodine Fortis)	PL.7056	500 ml
Iodine Acetone (Liquid Iodine Fortis)	PL.7057	1.0 L
Iodine Acetone (Liquid Iodine Fortis)	PL.7058	2.0 L
Polychrome Methylene Blue	PL.7061	250 ml
Polychrome Methylene Blue	PL.7061/5	500 ml
Polychrome Methylene Blue - Fixative	PL.7066	250 ml
Polychrome Methylene Blue - Fixative	PL.7066/5	500 ml
Calcofluor White	PL.392	10 ml
Potassium Hydroxide	PL.393	10 ml
Sulphuric Acid 20%	PL.7100	500 ml
Basic Fuchsin / Neutral Red Counterstain	PL.7101	500 ml
Basic Fuchsin / Neutral Red Counterstain	PL.7102	1.0 L
Basic Fuchsin / Neutral Red Counterstain	PL.7103	2.0 L
Crystal Violet - Ammonium Oxalate	PL.7073	500 ml
Crystal Violet - Ammonium Oxalate	PL.7074	1.0 L
Crystal Violet - Ammonium Oxalate	PL.7075	2.0 L
Sandiford's Stain	PL.7110	500 ml
Sandiford's Stain	PL.7111	1.0 L
Sandiford's Stain	PL.7112	2.0 L
Methyl Violet	PL.7113	500 ml

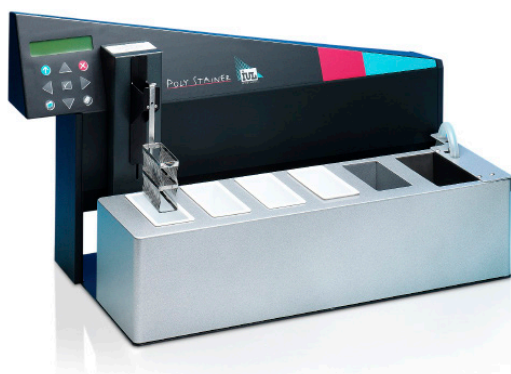
Speciality Stains

PRODUCTS	CODE	SIZE
Methyl Violet	PL.7114	1.0 L
Methyl Violet	PL.7115	2.0 L
Safranin / Neutral Red Counterstain	PL.7116	500 ml
Safranin / Neutral Red Counterstain	PL.7117	1.0 L
Safranin / Neutral Red Counterstain	PL.7118	2.0 L
Sudan Black 0.5%	PL.7119	500 ml
Wayson's Stain	PL.7121	250 ml
Field's Stain A	PL.7123	500 ml
Field's Stain A	PL.7124	1.0 L
Field's Stain B	PL.7125	500 ml
Field's Stain B	PL.7126	1.0 L
Phenol Red 1%	PL.7127	100 ml
Albert's Stain 1	PL.7129	500 ml
Albert's Stain 1	PL.7130	1.0 L
Albert's Stain 1	PL.7131	2.0 L
Albert's Stain 2	PL.7132	500 ml
Albert's Stain 2	PL.7133	1.0 L
Albert's Stain 2	PL.7134	2.0 L
Potassium Permanganate	PL.7039	500 ml
Potassium Permanganate	PL.7040	1.0 L
Malachite Green 1%	PL.7512	500 ml

Speciality Stains

PRODUCTS	CODE	SIZE
Malachite Green 10%	PL.7515	500 ml
Malachite Green 2%	PL.7519	1.0 L
Methylene Blue 1%	PL.7525	1.0 L
Methylene Blue 1%	PL.7526	2.0 L
Toluidine Blue	PL.7545	100 ml
Immersion Oil (Reduced hazards - DBP free)	PL.396	50 ml

Poly Stainer™



The Poly Stainer™ is the latest innovation in automatic staining from IUL Instruments and offers convenience, reliability, and consistency for Gram Staining, TB Staining, and several other staining procedures.

- Simple to operate
- 10 programmable cycles
- High input - up to 20 slides for each cycle

- Full technical and service support available
- Easy to clean
- Integral drying chamber
- Integral continual flow wash section

The Poly Stainer™ is available for demonstrations or evaluation. For full technical details and to discuss the Poly Stainer™ contact the coordination desk

Tel: 0151 353 1613

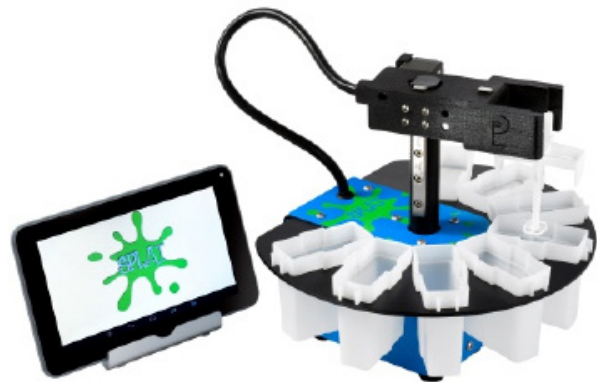
E-mail: uksupport@pro-lab.co.uk.

PRODUCTS	CODE	SIZE
Poly Stainer™	IUL5303	Each

Poly Stainer™ Accessories

PRODUCTS	CODE	SIZE
Poly Stainer™ - Quick Drain Pump	IUL5310	Each
Poly Stainer™ - Slide Holder	IUL5316	Each
Poly Stainer™ - Overflow Level Tube	IUL5416	Each
Poly Stainer™ - Stain Container	IUL5418	Each
Poly Stainer™ - Stain Carousel	IUL5438	Each

Splat® Staining



‘SPLAT®’ exclusively from Pro-Lab Diagnostics, is a compact, automated staining machine with seven stain positions and an integrated rinse bath. Standardise any staining method in your laboratory using the tablet provided for quality results every time!

- Automated staining system - consistency and quality every time
- 150 programmable staining methods
- Fully customisable; number of stains, soaking time, forms of agitation, rinsing
- Compact and lightweight
- Easy to use
- Capacity - 8 slides
- Product Reference PL.1449-000

Pro-Slides™



Pro-Slides™ manufactured by Pro-Lab Diagnostics are designed to satisfy UKAS and ISO requirements to support the quality control of Gram, Acid-Fast, Cryptosporidium and Mycology staining techniques, all slides are manufactured using fully traceable strains.

- No minimum order
- Long shelf life
- Stored at room temperature
- Traceable strains
- Colour-coded slides
- Sustainable cardboard storage box

PRODUCTS	CODE	SIZE
Pro-Slide™ Acid-Fast Stain Control	PL.4960	50 Slides
Pro-Slide™ Gram Stain Control	PL.4961	50 Slides
Pro-Slide™ Crypto Stain Control	PL.4962	10 Slides
Pro-Slide™ Mycology Stain Control	PL.4963	10 Slides

CODE	DESCRIPTION	ORGANISMS
PL.4960	Pro-Slide™ Acid-Fast Stain Control	Mycobacterium scrofulaceum NCTC® 10803 Escherichia coli NCTC® 12241
PL.4961	Pro-Slide™ Gram Stain Control	Staphylococcus aureus NCTC® 12981 Escherichia coli NCTC® 12241
PL.4963	Pro-Slide™ Mycology Stain Control	Candida albicans NCPF 3179® / ATCC® 10231

NCTC®, NCPF® and National Collection of Type Cultures are trademarks of UKHSA. Equivalent ATCC® strains are listed where available. ATCC® is a registered trademark of the American Type Culture Collection.

Pro-Cult® First-Generation Quality Control Organisms



Pro-Cult® discs are manufactured exclusively from NCTC® (National Collection of Type Cultures) and NCPF® (National Collection of Pathogenic Fungi) cultures and are guaranteed to be first generation from the source strains.

Each Pro-Cult® disc is a freeze-dried presentation of approximately 10^6 - 10^9 viable organisms. Unlike many other cultures, Pro-Cult® discs are sourced from recognised culture collections; each lot number of Pro-Cult® is guaranteed as "first generation" directly traceable to its source.

Pro-Cult® organisms are used in clinical, food, pharmaceutical, water and veterinary laboratories to control commonly used detection methods, culture media, identification techniques and sensitivity testing methods. Many of the strains are recommended by UKHSA, the British Society for Antimicrobial Chemotherapy (BSAC) and/or The European Committee on Antimicrobial Susceptibility Testing (EUCAST), as well as various European and American organisations regulating microbial testing methods.

Bacterial control strains with well-documented phenotypic characteristics are used to check that laboratory tests are producing correct results. Pro-Cult® strains are manufactured exclusively from UKHSA Culture Collections and are first-generation subcultures, unlike many other products on the market which can be second, third or fourth-generation subcultures. They are preserved in such a way as to minimise any alterations to the phenotype due to mutations.

NCTC®, NCPF® and National Collection of Type Cultures are trademarks of UKHSA. Equivalent ATCC® strains are listed where available. ATCC® is a registered trademark of the American Type Culture Collection.

First-Generation Explained

With the advent of laboratory ISO and UKAS, inspections are of course inevitable. It has been brought to our attention that there is a little confusion over the traceability of Pro-Cult®, and also the "First Generation Claim". This may have been due to the use of the word "derivative" that has now been removed from all references to Pro-Cult®.

Pro-Cult® discs are manufactured exclusively from NCTC® (National Collection of Type Cultures) and NCPF® (National Collection of Pathogenic Fungi) cultures and are guaranteed to be first generation from the source strains. Each Pro-Cult® disc is a freeze-dried presentation of approximately 10^6 - 10^9 viable organisms.

The unique manufacturing process uses the parent strain suspended in an inert medium which is then freeze dried immediately into the presentation format. When the strains are then reconstituted in your laboratory, for the first time, you have the guaranteed first generation. All QC testing is done in the same way that the customers reconstitute the strain to guarantee first generation in accordance with ISO 13485:2016 in a UKAS-accredited laboratory (No. 2496); certificates are available on request.

Should you have any additional questions concerning the generation, traceability or use of Pro-Cult®, please do not hesitate to contact us.

Pro-Cult® Product Details

Shelf Life

Pro-Cult® discs are guaranteed to contain at least 10^6 organisms at the time of purchase; this number is sufficient to ensure that when the discs are used and stored as directed there will be viable organisms culturable up to the stated end of the shelf life, which is usually 9 months from the time the vial is first opened.

Quality Control

Pro-Cult® batches are tested in a UKAS-accredited testing laboratory (number 2496). A test report for each batch of Pro-Cult® is available on request.

The reporting of Pro-Cult® test results comes under appropriate UKAS accreditation. All Pro-Cult® cultures are rigorously tested to confirm identity, possession of essential phenotypic characteristics and to exclude contamination with other organisms. Photographic evidence of the test results is retained for each batch, along with retained appropriately stored samples.

Colonial Variation

In common with many bacterial strains, some Pro-Cult® organisms are well known to produce one or more colonial variants. Colonial variation may depend on media type and duration of incubation; longer incubation times will tend to reveal more variants.

Full details for strain applications can be found in the Pro-Cult® Technical Product Guide. Copies are available upon request or can be downloaded at www.pro-lab.co.uk.

Pro-Cult® First-Generation Quality Control

PRODUCT	NCTC® / ATCC®	CODE	SIZE
Aspergillus brasiliensis	NCTC® 2275 / ATCC® 16404	PLD94	10
Bacillus cereus	NCTC® 10320 / ATCC® 9634	PLD21	10
Bacillus cereus	NCTC® 7464 / ATCC® 10876	PLD86	10
Bacillus subtilis	NCTC® 10400 / ATCC® 6633	PLD29	10
Bacteroides fragilis	NCTC® 9343 / ATCC® 25285	PLD44	10
Burkholderia cepacia	NCTC® 10661 / ATCC® 17759	PLD70	10
Campylobacter jejuni	NCTC® 11322 / ATCC® 29428	PLD82	10
Campylobacter jejuni	NCTC® 11351 / ATCC® 33560	PLD36	10
Candida albicans	NCPF® 3179 / ATCC® 10231	PLD42	10
Candida albicans	NCPF® 3255 / ATCC® 2091	PLD28	10
Candida guilliermondii	NCPF® 3099 / ATCC® 5276	PLD71	10
Candida lusitanae	NCPF® 3954	PLD72	10
Candida parapsilosis	NCPF® 3104	PLD39	10
Candida tropicalis	NCPF® 3111	PLD79	10
Citrobacter freundii	NCTC® 9750 / ATCC® 8090	PLD27	10
Clostridium perfringens	NCTC® 8237 / ATCC® 13124	PLD45	10
Clostridium sporogenes	NCTC® 532 / ATCC® 19404	PLD31	10
Enterobacter cloacae	NCTC® 13380 / ATCC® 23355	PLD01	10
Enterobacter cloacae	NCTC® 13406	PLD51	10
Enterococcus faecalis	NCTC® 775 / ATCC® 19433	PLD17	10
Enterococcus faecalis	NCTC® 12697 / ATCC® 29212	PLD18	10

PRODUCT	NCTC® / ATCC®	CODE	SIZE
Enterococcus faecalis	NCTC® 13379 / ATCC® 51299	PLD52	10
Enterococcus hirae	NCTC® 13383 / ATCC® 10541	PLD35	10
Escherichia coli (CRE)	NCTC® 13476	PLD57	10
Escherichia coli (mcr-1)	NCTC® 13846	PLD34	10
Escherichia coli	NCTC® 10418 / ATCC® 10536	PLD33	10
Escherichia coli	NCTC® 11560	PLD63	10
Escherichia coli	NCTC® 11954 / ATCC® 35218	PLD24	10
Escherichia coli	NCTC® 12241 / ATCC® 25922	PLD02	10
Escherichia coli	NCTC® 12923 / ATCC® 8739	PLD38	10
Escherichia coli	NCTC® 9001 / ATCC® 11775	PLD75	10
Escherichia coli O157 non-toxigenic	NCTC® 12900 / ATCC® 700728	PLD93	10
Haemophilus influenzae	NCTC® 11931	PLD98	10
Haemophilus influenzae	NCTC® 12699 / ATCC® 49247	PLD81	10
Haemophilus influenzae	NCTC® 12975 / ATCC® 49766	PLD37	10
Haemophilus influenzae	NCTC® 8468 / ATCC® 9334	PLD100	10
Klebsiella aerogenes	NCTC® 10006 / ATCC® 13048	PLD26	10
Klebsiella pneumoniae (CRE)	NCTC® 13440	PLD55	10
Klebsiella pneumoniae (CRE)	NCTC® 13438	PLD58	10
Klebsiella pneumoniae (CRE)	NCTC® 13443	PLD56	10
Klebsiella pneumoniae	NCTC® 13368 / ATCC® 700603	PLD83	10
Klebsiella pneumoniae	NCTC® 9633 / ATCC® 13883	PLD04	10
Klebsiella pneumoniae (CRE)	NCTC® 13442	PLD59	10
Lactobacillus brevis	NCTC® 13386 / ATCC® 8287	PLD76	10

PRODUCT	NCTC® / ATCC®	CODE	SIZE
Legionella anisa	NCTC® 11974 / ATCC® 35292	PLD99	10
Legionella pneumophila serogroup 1	NCTC® 11192 / ATCC® 33152	PLD08	10
Listeria innocua	NCTC® 11288 / ATCC® 33090	PLD92	10
Listeria ivanovii	NCTC® 11007 / ATCC® 19119	PLD66	10
Listeria monocytogenes	NCTC® 10527 / ATCC® 13932	PLD47	10
Listeria monocytogenes	NCTC®11994	PLD87	10
Listeria monocytogenes	NCTC® 13372 / ATCC® 7644	PLD77	10
Listeria monocytogenes	NCTC® 7973 / ATCC® 35152	PLD48	10
Mycobacterium smegmatis	NCTC® 8159 / ATCC® 19420	PLD67	10
Neisseria gonorrhoeae	NCTC® 12700 / ATCC® 49226	PLD96	5
Neisseria gonorrhoeae	NCTC® 8375 / ATCC® 19424	PLD05	5
Proteus mirabilis	NCTC® 10975	PLD68	10
Proteus mirabilis	NCTC® 13376 / ATCC® 14153	PLD43	10
Proteus mirabilis	NCTC® 11938	PLD22	10
Pseudomonas aeruginosa	NCTC® 12903 / ATCC® 27853	PLD10	10
Pseudomonas paraeruginosa	NCTC® 12924 / ATCC® 9027	PLD40	10
Pseudomonas aeruginosa	NCTC® 13359 / ATCC® 15442	PLD41	10
Raoultella planticola	NCTC® 9528	PLD88	10
Rhodococcus equi	NCTC® 1621 / ATCC® 6939	PLD97	10
Saccharomyces cerevisiae	NCPF® 3178	PLD73	10
Saccharomyces cerevisiae	NCTC® 10716 / ATCC® 9763	PLD50	10
Salmonella Enteritidis	NCTC® 12694 / ATCC® 13076	PLD62	10

PRODUCT	NCTC® / ATCC®	CODE	SIZE
Salmonella Nottingham	NCTC® 7832	PLD84	10
Salmonella Poona	NCTC® 4840	PLD89	10
Salmonella Typhimurium	NCTC® 12023 / ATCC® 14028	PLD11	10
Serratia marcescens	NCTC® 13382 / ATCC® 8100	PLD12	10
Shigella sonnei	NCTC® 12493 / ATCC® 29930	PLD07	10
Staphylococcus aureus (MRSA)	NCTC® 13373	PLD64	10
Staphylococcus aureus (MRSA)	NCTC® 13373 / ATCC® 43300	PLD91	10
Staphylococcus aureus	NCTC® 10788 / ATCC® 6538	PLD46	10
Staphylococcus aureus	NCTC® 12973 / ATCC® 29213	PLD14	10
Staphylococcus aureus	NCTC® 12981 / ATCC® 25923	PLD13	10
Staphylococcus aureus	NCTC® 6571 / ATCC® 9144	PLD85	10
Staphylococcus aureus	NCTC® 7447 / ATCC® 6538P	PLD30	10
Staphylococcus epidermidis	NCTC® 13360 / ATCC® 12228	PLD15	10
Streptococcus dysgalactiae subsp. equisimilis	NCTC® 13762	PLD60	10
Streptococcus agalactiae	NCTC® 8181 / ATCC® 13813	PLD16	10
Streptococcus pneumoniae	NCTC® 12695 / ATCC® 6303	PLD19	10
Streptococcus pneumoniae	NCTC® 12977 / ATCC® 49619	PLD95	10
Streptococcus pyogenes	NCTC® 12696 / ATCC® 19615	PLD20	10
Vibrio parahaemolyticus	NCTC® 10885	PLD06	10
Yersinia enterocolitica	NCTC® 12982 / ATCC® 9610	PLD80	10

Think Green!

Sustainability Streaking

Sustainability is a global responsibility for all.

Here at Pro-Lab Diagnostics, we are introducing many changes to our production, packaging, and shipping processes, to address and support the sustainability drive.

One particular area being addressed in laboratories is a reduction in the use of high volumes of single-use plastic devices where practical alternatives are available that have reduced impact on the environment.

The use of plastic loops is one particular area that we are addressing and having eliminated the use of plastic loops in our own research, quality control, and production laboratory areas, we now offer this practical solution to our customers with "**Sustainability Streaking**".

Pro-Lab Diagnostics offer a complete range of traditional calibrated and certified nichrome wire loops manufactured from high-quality 29/35 SWG 80/20 Nickel Chromium wire, with a selection of insulated loop handles, that when used with the "Bactizapper", eliminated the need for open gas flame; this not only offers an environmentally friendly alternative to single-use disposable plastic loops, it also offers substantial savings.

Calibrated Nichrome Wire Loops

Calibrated loops from Pro-Lab Diagnostics are manufactured from the highest quality 29 SWG 80/20 Nickel Chromium wire.

PRODUCT CODE	SIZE	DESCRIPTION	PACK SIZE
PL.100	10 µl	Nichrome Wire Loop	25 Loops
PL.101	5 µl	Nichrome Wire Loop	25 Loops
PL.102	3.3 µl	Nichrome Wire Loop	25 Loops
PL.103	2.5 µl	Nichrome Wire Loop	25 Loops
PL.104	2 µl	Nichrome Wire Loop	25 Loops
PL.105	1 µl	Nichrome Wire Loop	25 Loops

Heavy-Gauge Calibrated Nichrome Wire Loops

Heavy-gauge calibrated loops from Pro-Lab Diagnostics are manufactured from the highest quality 35 SWG 80/20 Nickel Chromium wire, ideal for fungal cultures.

PRODUCT CODE	SIZE	DESCRIPTION	PACK SIZE
PL.130	10 µl	Heavy-gauge Wire Loop	25 Loops
PL.131	5 µl	Heavy-gauge Wire Loop	25 Loops
PL.133	2.5 µl	Heavy-gauge Wire Loop	25 Loops

Certified / Calibrated Nichrome Wire Loops

For use when strict calibration is required, certified / calibrated loops from Pro-Lab Diagnostics are manufactured from the highest quality 29swg 80/20 Nickel Chromium wire and calibrated using the Evans Blue Dye Method (Cumitech 2A). Each pack of 5 loops is presented in a protective case and accompanied by the appropriate certificate of calibration.

PRODUCT CODE	SIZE	DESCRIPTION	PACK SIZE
PL.120	10 µl	Certified Calibrated Wire Loop	5 Loops
PL.125	1 µl	Certified Calibrated Wire Loop	5 Loops

Insulated Wire Loop Holder

PRODUCT CODE	SIZE	DESCRIPTION	PACK SIZE
PL.106/6-1	6"	Nickel-Plated Brass Holder	1 Holder
PL.106/8-1	8"	Nickel-Plated Brass Holder	1 Holder
PL.107/6-1	6"	Lightweight Aluminium Holder	1 Holder
PL.107/8-1	8"	Lightweight Aluminium Holder	1 Holder

BactiZapper™

The BactiZapper™ Classic has an asbestos-free core element that uses infrared heating to produce 815°C (1500°F). It completely sterilises in 5-7 seconds.

The BactiZapper™ Classic uses well-proven technology to provide instant sterilisation of nichrome inoculating loops, needles, glass tube/pipette mouths and various metal and borosilicate glass instruments used in laboratories. It also has a lower temperature setting (500°C) that can be used as a "standby" and extends usable life. The ceramic heating element is safely enclosed in a perforated stainless steel guard chamber, protecting users from accidental contact with the extreme temperatures of the core area. It is extremely compact, convenient, and can be used in anaerobic and aerobic chambers, and laboratory cabinets.

The BactiZapper™ Tilt offers the additional feature of a tilt adjustment for ergonomic positioning, while the BactiZapper™ XL allows for sterilisation of larger vessels.



PRODUCT CODE	DESCRIPTION
PL.B1000-E	BactiZapper™ Classic
PL.B1001-E	Tilt BactiZapper™ with adjustable tilt angle
PL.B1001-XL-E	Tilt XL BactiZapper™ with adjustable tilt angle
PL.B1000-01	Loop Holder Attachment
PL.B1000-03	Slide Dryer Attachment for 3 slides



McFarland Latex Standards



A range of latex McFarland standards for a variety of applications. All standards are supplied in protective carrying cases and have a shelf life up to 2 years from date of manufacture.

PRODUCTS	CODE	SIZE
McFarland Latex Standard Set (1 each of 0.5, 1.0, 2.0, 3.0, 4.0)	PL.2350	5 x 10 ml
McFarland Latex Standard 0.5	PL.2300	10ml
McFarland Latex Standard 1.0	PL.2301	10 ml
McFarland Latex Standard 2.0	PL.2302	10 ml
McFarland Latex Standard 3.0	PL.2303	10 ml
McFarland Latex Standard 4.0	PL.2304	10 ml
McFarland Latex Standard Blank 0.0	PL.2320	10 ml
Wickerham Card	PL.2325	10 pack

Cytochrome Oxidase Testing - TestOxidase™ Reagent



TestOxidase™ Reagent is a qualitative method for the determination of bacterial cytochrome oxidase.

- Stored at room temperature
- 9 month shelf life
- Rapid results within 30 seconds
- Liquid stable

PRODUCTS	CODE	SIZE
TestOxidase™ Reagent	PL.390	15 ml

Indole Testing - Spot Testing / Kovacs Reagent



Spot Indole Reagent is to be used in the qualitative method to determine the ability of an organism to split indole from the tryptophan molecule.

PRODUCTS

Spot Indole Reagent

Kovacs Reagent

CODE

PL.391-10

PL.375

SIZE

10 ml

100 ml

Mucolyse™ Sputum Digestant



Mucolyse™ is a sputum-liquefying agent used to digest and thin out the sputum, thus enhancing the isolation of organisms responsible for chronic lung disease.

PRODUCTS

Mucolyse™ Sputum Digestant

CODE

PL.701

SIZE

10 Vials








Envirobead™ Autoclave Deodorants



EnviroBead™ offers a convenient, easy-to-use, and economical method of neutralising odours associated with the routine autoclaving of laboratory waste. A single capsule is sufficient to neutralise the odour associated with 10 cubic feet of waste, by placing it directly in the autoclave. The soft gelatin capsule melts and releases one of seven pleasant fragrances.

100% natural extracts used in the manufacturing process create a fresh alternative, creating a pleasant work environment.

Full Envirobead™ range:

				
FRAGRANCE	Peach	Apple	Raspberry	Lemon
PRODUCT CODE	PL.603/100	PL.604/100	PL.606/100	PL.605/100
SIZE	100 Capsules	100 Capsules	100 Capsules	100 Capsules
				
FRAGRANCE	Vanilla	Mimosa	Coconut	
PRODUCT CODE	PL.607/100	PL.608/100	PL.609/100	
SIZE	100 Capsules	100 Capsules	100 Capsules	

Prolisa™ EIA Kits

The Prolisa™ *C. difficile* GDH EIA is a microwell assay for the qualitative detection of *Clostridioides difficile* glutamate dehydrogenase (GDH) in faecal specimens. The Prolisa™ *C. difficile* GDH EIA is intended for use as an aid in the diagnosis of *C. difficile* infections. This test detects GDH and will not differentiate between toxigenic and non-toxigenic strains of *C. difficile*. Like alternative *C. difficile* tests, results should be considered in conjunction with patient history and additional laboratory investigations.

PRODUCTS	CODE	SIZE
PL.2002	Prolisa™ C. difficile GDH EIA Kit	96 Tests

AmnioTest™ - Amniotic Fluid Detection



A simple, rapid swab method for the detection of amniotic fluid. For full details of application method and reading / interpretation of results, please visit www.amniotest.com, or call sales coordination on Tel: 0151 353 1613.

PRODUCTS	CODE	SIZE
AmnioTest™	PL.901	100 Swabs
AmnioTest™ Colour Cards	PL.902	50 Cards
Buffer Solution pH 5.0	PL.910	2.0 ml
Buffer Solution pH 5.5	PL.911	2.0 ml
Buffer Solution pH 6.0	PL.912	2.0 ml
Buffer Solution pH 6.5	PL.913	2.0 ml
Buffer Solution pH 7.0	PL.914	2.0 ml
Buffer Solution pH 7.5	PL.915	2.0 ml

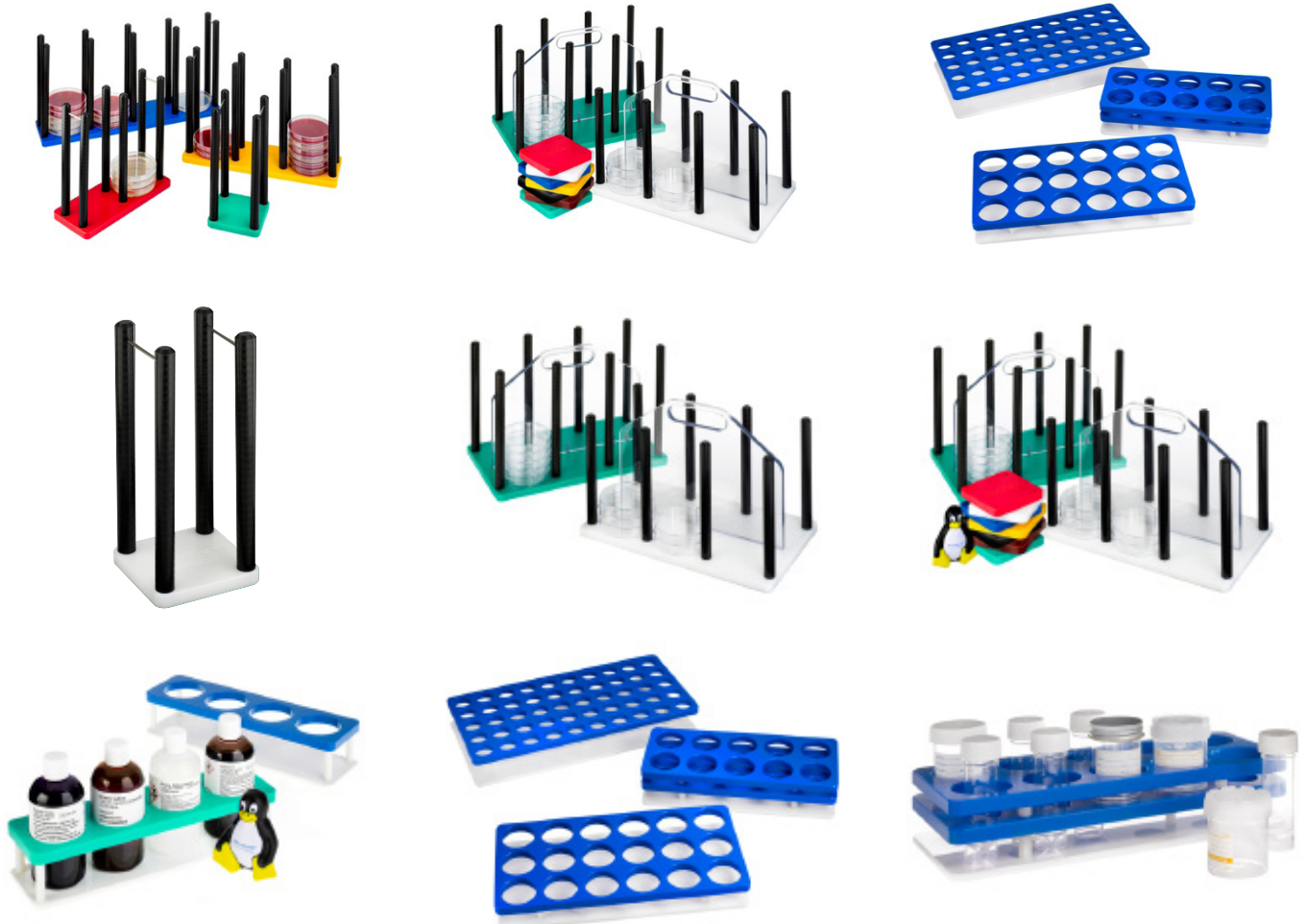
Rax and Stax

- Manufactured from High Molecular Weight Polyethylene (HMWPE)
- Variable heights
- Variable hole sizes
- Durable – manufactured from high-quality plastic
- Withstand high temperatures for sterilisation
- Withstand low temperatures and freezing
- 5 year guarantee
- Multiple applications
- Bespoke Design Service
- Ideal for organising incubators for ISO 15189 compliance (Colour coding for incubation times, specimen types and temperatures, days of the week, etc. etc.)
- Seven bright colours
- Affordable!



In addition to the standard range of products, we offer a custom design service; essentially we can make almost anything within reason.

Our technical advisors carry a wealth of knowledge and gadgets to design the racks for you on site for any container, or combination of containers; we can even rack your entire coldrooms and freezers.



Petri Dish Racks - The Single

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R08/001R	Plate Rack - Linear Red	1x11 Plates	100x130x190
PL.R08/001B	Plate Rack - Linear Blue	1x11 Plates	100x130x190
PL.R08/001G	Plate Rack - Linear Green	1x11 Plates	100x130x190
PL.R08/001Y	Plate Rack - Linear Yellow	1x11 Plates	100x130x190
PL.R08/001W	Plate Rack - Linear White	1x11 Plates	100x130x190
PL.R08/001M	Plate Rack - Linear Maroon	1x11 Plates	100x130x190
PL.R08/001BK	Plate Rack - Linear Black	1x11 Plates	100x130x190

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R09/001R	Plate Rack - Linear Red	1x13 Plates	100x130x220
PL.R09/001B	Plate Rack - Linear Blue	1x13 Plates	100x130x220
PL.R09/001G	Plate Rack - Linear Green	1x13 Plates	100x130x220
PL.R09/001Y	Plate Rack - Linear Yellow	1x13 Plates	100x130x220
PL.R09/001W	Plate Rack - Linear White	1x13 Plates	100x130x220
PL.R09/001M	Plate Rack - Linear Maroon	1x13 Plates	100x130x220
PL.R09/001BK	Plate Rack - Linear Black	1x13 Plates	100x130x220

Petri Dish Racks - The Double

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R08/002R	Plate Rack - Linear Red	2x11 Plates	100x230x190
PL.R08/002B	Plate Rack - Linear Blue	2x11 Plates	100x230x190
PL.R08/002G	Plate Rack - Linear Green	2x11 Plates	100x230x190
PL.R08/002Y	Plate Rack - Linear Yellow	2x11 Plates	100x230x190
PL.R08/002W	Plate Rack - Linear White	2x11 Plates	100x230x190
PL.R08/002M	Plate Rack - Linear Maroon	2x11 Plates	100x230x190
PL.R08/002BK	Plate Rack - Linear Black	2x11 Plates	100x230x190

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R09/002R	Plate Rack - Linear Red	2x13 Plates	100x230x220
PL.R09/002B	Plate Rack - Linear Blue	2x13 Plates	100x230x220
PL.R09/002G	Plate Rack - Linear Green	2x13 Plates	100x230x220
PL.R09/002Y	Plate Rack - Linear Yellow	2x13 Plates	100x230x220
PL.R09/002W	Plate Rack - Linear White	2x13 Plates	100x230x220
PL.R09/002M	Plate Rack - Linear Maroon	2x13 Plates	100x230x220
PL.R09/002BK	Plate Rack - Linear Black	2x13 Plates	100x230x220

Petri Dish Racks - The Triple

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R08/003R	Plate Rack - Linear Red	3x11 Plates	100x330x190
PL.R08/003B	Plate Rack - Linear Blue	3x11 Plates	100x330x190
PL.R08/003G	Plate Rack - Linear Green	3x11 Plates	100x330x190
PL.R08/003Y	Plate Rack - Linear Yellow	3x11 Plates	100x330x190
PL.R08/003W	Plate Rack - Linear White	3x11 Plates	100x330x190
PL.R08/003M	Plate Rack - Linear Maroon	3x11 Plates	100x330x190
PL.R08/003BK	Plate Rack - Linear Black	3x11 Plates	100x330x190

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R09/003R	Plate Rack - Linear Red	3x13 Plates	100x330x220
PL.R09/003B	Plate Rack - Linear Blue	3x13 Plates	100x330x220
PL.R09/003G	Plate Rack - Linear Green	3x13 Plates	100x330x220
PL.R09/003Y	Plate Rack - Linear Yellow	3x13 Plates	100x330x220
PL.R09/003W	Plate Rack - Linear White	3x13 Plates	100x330x220
PL.R09/003M	Plate Rack - Linear Maroon	3x13 Plates	100x330x220
PL.R09/003BK	Plate Rack - Linear Black	3x13 Plates	100x330x220

Petri Dish Racks - The Quadruple

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R08/004R	Plate Rack - Linear Red	4x11 Plates	100x430x190
PL.R08/004B	Plate Rack - Linear Blue	4x11 Plates	100x430x190
PL.R08/004G	Plate Rack - Linear Green	4x11 Plates	100x430x190
PL.R08/004Y	Plate Rack - Linear Yellow	4x11 Plates	100x430x190
PL.R08/004W	Plate Rack - Linear White	4x11 Plates	100x430x190
PL.R08/004M	Plate Rack - Linear Maroon	4x11 Plates	100x430x190
PL.R08/004BK	Plate Rack - Linear Black	4x11 Plates	100x430x190

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R09/004R	Plate Rack - Linear Red	4x13 Plates	100x430x220
PL.R09/004B	Plate Rack - Linear Blue	4x13 Plates	100x430x220
PL.R09/004G	Plate Rack - Linear Green	4x13 Plates	100x430x220
PL.R09/004Y	Plate Rack - Linear Yellow	4x13 Plates	100x430x220
PL.R09/004W	Plate Rack - Linear White	4x13 Plates	100x430x220
PL.R09/004M	Plate Rack - Linear Maroon	4x13 Plates	100x430x220
PL.R09/004BK	Plate Rack - Linear Black	4x13 Plates	100x430x220

Petri Dish Racks - The Four Pack

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R08/005R	Plate Racks - Combo 2x2 Red	4 x 11 Plates	200x230x210
PL.R08/005B	Plate Racks - Combo 2x2 Blue	4 x11 Plates	200x230x210
PL.R08/005G	Plate Racks - Combo 2x2 Green	4 x11 Plates	200x230x210
PL.R08/005Y	Plate Racks - Combo 2x2 Yellow	4 x11 Plates	200x230x210
PL.R08/005W	Plate Racks - Combo 2x2 White	4 x11 Plates	200x230x210
PL.R08/005M	Plate Racks - Combo 2x2 Maroon	4 x11 Plates	200x230x210
PL.R08/005BK	Plate Racks - Combo 2x2 Black	4 x11 Plates	200x230x210

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R09/005R	Plate Racks - Combo 2x2 Red	4x13 Plates	200x230x240
PL.R09/005B	Plate Racks - Combo 2x2 Blue	4x13 Plates	200x230x240
PL.R09/005G	Plate Racks - Combo 2x2 Green	4x13 Plates	200x230x240
PL.R09/005Y	Plate Racks - Combo 2x2 Yellow	4x13 Plates	200x230x240
PL.R09/005W	Plate Racks - Combo 2x2 White	4x13 Plates	200x230x240
PL.R09/005M	Plate Racks - Combo 2x2 Maroon	4x13 Plates	200x230x240
PL.R09/005BK	Plate Racks - Combo 2x2 Black	4x13 Plates	200x230x240



Petri Dish Racks - The Six Pack

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R08/006R	Plate Racks - Combo 3x2 Red	6x11 Plates	200x330x210
PL.R08/006B	Plate Racks - Combo 3x2 Blue	6x11 Plates	200x330x210
PL.R08/006G	Plate Racks - Combo 3x2 Green	6x11 Plates	200x330x210
PL.R08/006Y	Plate Racks - Combo 3x2 Yellow	6x11 Plates	200x330x210
PL.R08/006W	Plate Racks - Combo 3x2 White	6x11 Plates	200x330x210
PL.R08/006M	Plate Racks - Combo 3x2 Maroon	6x11 Plates	200x330x210
PL.R08/006BK	Plate Racks - Combo 3x2 Black	6 x11 Plates	200x330x210

PRODUCT CODE	DESCRIPTION	CAPACITY	DIMENSIONS (MM)
PL.R09/006R	Plate Racks - Combo 3x2 Red	6x13 Plates	100x330x240
PL.R09/006B	Plate Racks - Combo 3x2 Blue	6x13 Plates	100x330x240
PL.R09/006G	Plate Racks - Combo 3x2 Green	6x13 Plates	100x330x240
PL.R09/006Y	Plate Racks - Combo 3x2 Yellow	6x13 Plates	100x330x240
PL.R09/006W	Plate Racks - Combo 3x2 White	6x13 Plates	100x330x240
PL.R09/006M	Plate Racks - Combo 3x2 Maroon	6x13 Plates	100x330x240
PL.R09/006BK	Plate Racks - Combo 3x2 Black	6x13 Plates	100x330x240

Universal Container Racks

Seven colours available. Simply add the colour code to the product code.

 Red
(R)

 Blue
(B)

 Green
(G)

 Yellow
(Y)

 White
(W)

 Maroon
(M)

 Black
(BK)

Designed for standard universal 30 ml containers from leading suppliers, 26.25 mm/29 mm, 41 mm/45 mm diameter.

PRODUCT CODE	DESCRIPTION	CAPACITY	HOLE DIAMETER / RACK HEIGHT (MM)	FOOTPRINT (MM)
PL.R01/001	30 ml Universal Rack - 2x5	10	26.25/47	83x193
PL.R01/002	30 ml Universal Rack - 2x10	20	26.25/47	83x838
PL.R01/003	30 ml Universal Rack - 3x10	30	26.25/47	102.5x383
PL.R01/004	30 ml Universal Rack - 4x10	40	26.25/47	158x383
PL.R01/005	30 ml Universal Rack - 5x10	50	26.25/47	195.5x383
PL.R01/006	30 ml Universal Rack - 10x10	100	26.25/47	383x383

PRODUCT CODE	DESCRIPTION	CAPACITY	HOLE DIAMETER / RACK HEIGHT (MM)	FOOTPRINT (MM)
PL.R02/001	60/90ml Universal Rack - 2x5	10	45/22	111x261
PL.R02/002	60/90ml Universal Rack - 2x10	20	45/22	111x511
PL.R02/003	60/90ml Universal Rack - 3x10	30	45/22	167x511
PL.R02/004	60/90ml Universal Rack - 4x10	40	45/22	211x511
PL.R02/005	60/90ml Universal Rack - 5x10	50	45/22	261x511
PL.R02/006	60/90ml Universal Rack - 2x6	12	45/22	111x311
PL.R02/007	60/90ml Universal Rack - 3x6	18	45/22	167x311
PL.R02/008	60/90ml Universal Rack - 4x6	24	45/22	211x311
PL.R02/009	60/90ml Universal Rack - 5x6	30	45/22	262x311
PL.R02/009	60/90ml Universal Rack - 6x6	36	45/22	311x311

PRODUCT CODE	DESCRIPTION	CAPACITY	HOLE DIAMETER / RACK HEIGHT (MM)	FOOTPRINT (MM)
PL.R03/001	Combo Universal Container Racks - 30/60/90ml (2x5)	10	26.25/45 Height = 62	111x261
PL.R03/002	Combo Universal Container Racks - 30/60/90ml (2x10)	20	26.25/45 Height = 62	111x511
PL.R03/003	Combo Universal Container Racks - 30/60/90ml (3x10)	30	26.25/45 Height = 62	167x511
PL.R03/004	Combo Universal Container Racks - 30/60/90ml (4x10)	40	26.25/45 Height = 62	211x511
PL.R03/005	Combo Universal Container Racks - 30/60/90ml (5x10)	50	26.25/45 Height = 62	261x511



Call us to discuss your needs and arrange for a visit from one of our Rax and Stax design consultants, equipped with the design “Tool Box”.

Racking is available for single applications, multiple sample laboratory organisation, transport, storage and many other areas.

We also offer a design service for complete fridge and freezer organisation “Fit outs” from domestic-size units to walk-in units.

Call us for a free-no obligation visit.



Traditional Swab Racks

Seven colours available. Simply add the colour code to the product code.



Swab racks are available as a standard range designed for liquid swabs, round-bottom swabs and fish-tail swabs; specific bespoke designs can be made on request.

PRODUCT CODE	DESCRIPTION	CAPACITY	HOLE DIAMETER / RACK HEIGHT (MM)	FOOTPRINT (MM)
PL.R04/001	Swab Racks - Liquid (5x10)	50	13.5/62	113x251
PL.R04/002	Swab Racks - Liquid (5x20)	100	13.5/62	113x513
PL.R04/003	Swab Racks - Liquid (10x10)	100	13.5/62	251x251
PL.R05/001	Swab Racks - Round (5x10)	50	12.5/62	113x251
PL.R05/002	Swab Racks - Round (5x20)	100	12.5/62	113x513
PL.R05/003	Swab Racks - Round (10x10)	100	12.5/62	251x251
PL.R06/001	Swab Racks - Fish Tail (5x10)	100	13.5x20/62	113x251
PL.R06/002	Swab Racks - Fish Tail (5x20)	100	13.5x20/62	113x491
PL.R06/003	Swab Racks - Fish Tail (10x10)	100	13.5x20/62	218x218

Terms and Conditions

General – All materials are sold for laboratory, diagnostic or allied use only, and are not intended for administration as a drug.

Title – Until paid for, all goods remain the property of Pro-Lab Diagnostics.

Payment – All invoices are due for payment 30 days from date of issue; please quote invoice number on all correspondence. Acceptable methods of payment are cheque, direct deposit, electronic remittance, and credit card payments by Visa or Mastercard at point of order.

Delivery – Delivery of goods will be via a route chosen by Pro-Lab Diagnostics unless otherwise specified. Pro-Lab Diagnostics will endeavour to select the most cost-effective method.

Returns – Please contact Pro-Lab Diagnostics prior to making a return to receive a return authorisation number. In the case of customer error, we will accept the returned product if the following conditions are met: The item is unused, was shipped directly by Pro-Lab Diagnostics, was received within the last 15 days, and has not been damaged or marked in any manner. In such cases, there will be a 25% restocking charge at the company's discretion.

Damage – All claims for shortages or breakage must be made to Pro-Lab Diagnostics within seven days of receipt. Note that if damage occurs during transit, a claim must be filed with the courier.

Quotations – For large consignments and standing orders, pricing is available on request.

Orders – Our sales department will be pleased to take your orders, accompanied by a purchase order number.

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