



60 **New**

Products from Polysciences, Inc.



Including:

- Microbiology
- Molecular Biology
- Biodegradable Polymers
- Histology & Cytology
- Specialty Chemicals
- Monomers & Polymers
- Microspheres & Particles

New Microbiology

Bacti Strips

Bacti Strips provide a convenient method for the detection of urinary infections. Sterile strips of filter paper (60mm x 5mm) with score 15mm from one end.



Features:

- Simple test for quantification of bacteria in urine
- Cost effective
- Small contact area allows many specimens to be tested on one petri dish

1 pkg (1000 strips) #24642

Description	Size	Catalog #
Rapid Bacterial Test Strips		
Beta Strips (for detection of penicillin resistant bacteria)	1 pkg / 25 strips	24641
E. Coli Strips (for detection of tryptophan hydrolysis by E. coli)	1 pkg / 25 strips	24638
Gram Negative Strips (for detection of aminopeptidase enzyme present in the cell membrane of Gram negative bacteria)	1 pkg / 25 strips	24640
MRSA Strips (for detection of simple identification of Methicillin Resistant Staphylococcus Aureus (MRSA) bacteria)	1 pkg / 50 strips	24643
Oxidase Strips (for detection of cytochrome oxidase enzyme present in Pseudomonas, Neisseria, Campylobacter & other bacteria)	1 pkg / 25 strips	24637
Strep D Strips (for detection of Group D streptococci based on aesculin hydrolysis)	1 pkg / 25 strips	24636
Urease Strips (for detection of urease enzyme in Helicobacter or Proteus species)	1 pkg / 25 strips	24639
Dyes, Stains and Stain Kits		
AFB Auramine-Rhodamine Kit	1 kit / 3x8oz bottles	24666
AFB Kinyoun Kit	1 kit / 3x8oz bottles	24670
AFB Ziehl Neelson Kit	1 kit / 3x8oz bottles	24669
Auramine O	1 kit / 3x8oz bottles	24665
Fungi-White	5ml	24692
Gram's Decolorizer (75/25)	1gal	24682
Gram's Decolorizer (50/50)	1gal	24683
Gram's Iodine	1gal	24684
Gram's Iodine - Stabilized	1gal	24685
Gram's Stain Kit with Iodine	1 kit / 4x8oz bottles	24668
Gram's Stain Kit with Stabilized Iodine	1 kit / 4x8oz bottles	24667
Safranin, Ready-to-Use	1gal	24672
Wheatley's Trichrome Blue (modification of Gomori's trichrome)	16oz bottle	24691
Microloop® Calibration Gauge		
Microloop® Calibration Gauge, 1µl	1 gauge	24652
Microloop® Calibration Gauge, 10µl	1 gauge	24687
Transwabs®		
Transwab® with Plain Medium* (modified Amies without charcoal)	1 pkg / 125 swabs	24647

*other storage media available upon request.

Description	Size	Catalog #
Plastic Inoculation Microloops®		
Plastic Inoculation Microloop®, 1µl - individually packed	1 pkg / 1000 loops	24649
Plastic Inoculation Microloop®, 5µl - individually packed	1 pkg / 1000 loops	24650
Plastic Inoculation Microloop®, 10µl - individually packed	1 pkg / 1000 loops	24648
Nichrome® Wire Inoculation Microloops®		
Nichrome® Wire Inoculation Microloop®, 5mm, 10µl	1 pkg / 25 loops	24651
Nichrome® Wire Inoculation Microloop®, 3.5mm, 5µl	1 pkg / 25 loops	24656
Nichrome® Wire Inoculation Microloop®, 2.9mm, 3.3µl	1 pkg / 25 loops	24657
Nichrome® Wire Inoculation Microloop®, 2.5mm, 2.5µl	1 pkg / 25 loops	24658
Nichrome® Wire Inoculation Microloop®, 2.2mm, 2µl	1 pkg / 25 loops	24659
Nichrome® Wire Inoculation Microloop®, 1.5mm, 1µl	1 pkg / 25 loops	24660
Inoculation Microloop® - Straight Wire		
Nichrome® Straight Wire - Inoculation Microloop®	1 pkg / 25 wires	24661
Microloop® Holders		
Microloop® Holder, 150mm (6" long)	1 holder	24662
Microloop® Holder, 175mm (7" long)	1 holder	24663
Microloop® Holder, 205mm (8" long)	1 holder	24664
Parisitology Fixatives		
Copper PVA Fixative (mercury free, permanent staining)	16oz bottle	24681
PVA "Gold Standard" Fixative (permanent staining)	16oz bottle	24680
SAF Fixative (mercury free, permanent staining)	16oz bottle	24677
UNIFIX™ (mercury and formaldehyde free)	16oz bottle	24678
Z-PVA® Fixative (mercury free)	16oz bottle	24679

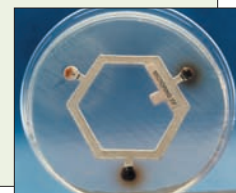
Microring® XV (for detection of Haemophilus species)

Paper ring with individual printed tips containing X (Haemin), V (NAD), or X+V Factors.

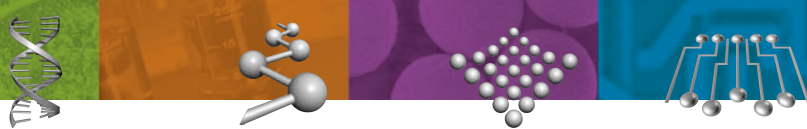
Features:

- Ready to use
- More convenient than individual discs
- Porphyrin test allows early identification
- 2 year shelf life

1 pkg (50 rings) #24644

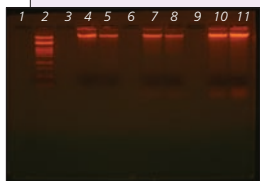


Description	Size	Catalog #
MicroRing® Bacterial Detectors		
Microring® AN (for detection of non-sporing anaerobes)	1 pkg / 50 rings	24645
Microring® YT (for detection of yeasts)	1 pkg / 50 rings	24646
Microring® AC (for detection of anaerobic cocci)	1 pkg / 50 rings	24654
Microring® GV (for detection of Gardnerella vaginalis)	1 pkg / 50 rings	24655



New SNARE™ DNA Purification Kits

SNARE™ DNA Purification Systems offer a rapid, cost-effective method for isolating DNA. Once bound, the DNA-particle complex is stable. Impurities or unwanted proteins can be washed from the sample. The DNA is eluted from the DNA-particle complex, leaving a clean DNA preparation.



DNA isolated from whole blood

Lane 1: NA Lane 2: Molecular Weight Standards Lambda DNA PST-1 Lane 3: NA
Lane 4: Competitor Magnetic Separation Protocol Lane 5: Competitor Magnetic Separation Protocol
Lane 6: NA Lane 7: SNARE™ DNA Purification System Lane 8: SNARE™ DNA Purification System
Lane 9: NA Lane 10: SNARE™ DNA Purification System Lane 11: SNARE™ DNA Purification System

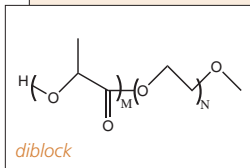
Description	Size	Catalog #
DNA Purification Systems		
SNARE™ Plant Genomic DNA Purification System	1 kit / 100 tests	85082
SNARE™ Plasmid DNA Purification System	1 kit / 100 tests	85081
SNARE™ Whole Blood Genomic DNA Purification System	1 kit / 100 tests	85080
Related Products:		
Reagents		
Anti-Human Neuron specific enolase (NSE) in rabbit, serum, lyophilized	100µl, 200µl	17437
Anti-rat Neuron specific enolase (NSE) in rabbit, serum, lyophilized	150µl, 350µl	16625
Protein A, unconjugated, lyophilized	5mg	23876
Protein G, unconjugated, lyophilized	1mg	23878
Purified proteins, C-Reactive protein, human (CRP), >99% purity	1mg	21074
Rabbit Anti-Green Fluorescent Protein Antibody	0.1mg, 0.2mg	24240
DNA/RNA/Protein Dyes		
2% Acridine Orange, Ready-to-Use	10ml	24603
2',7'-Dichlorofluorescein	10g	05134
2,4-Bis(N,N'-di[carboxymethyl]aminomethyl) fluorescein (Calcein)	1g	03321
4',6-Diamidino-2-phenylindole dihydrochloride (DAPI)	10mg, 50mg	09224
5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside	100mg, 1g	17316
Acridine mutagen ICR 191	100mg	08704
Bisbenzimidazole (Hoechst 33258)	100mg	09460
Bisbenzimidazole (Hoechst 33342)	100mg	15787
Cibacron blue F3GA, C.I. 61211	25g	04352
Coumarin 1	250g	24185
Coumarin 6, laser grade	100mg	8037L
Cyanoditolyl Tetrazolium Chloride (CTC)	100mg, 1g	19292
DAB-4HCL (3-3'-Diaminobenzidine tetrahydrochloride, immunochemical grade)	2x25mg, 5x25mg	04001
Ethidium bromide	5g	04033
Fast Blue	1mg, 5mg	17740

Description	Size	Catalog #
DNA / RNA / Protein Dyes, continued		
Filipin (from <i>Streptomyces filipinensis</i>)	50mg, 100mg	08707
Fluorescein diacetate	5g	00615
Fluorescein isothiocyanate, Certified (FITC)	1g	00373
GlycoGel Stain Kit	1 kit	24693
Hydroethidine™ (<i>Dihydroethidium bromide</i>)	50mg	17084
Lissamine Rhodamine B sulfonyl chloride	100mg	08074
Methylene blue chloride, C.I. 52015, certified	50g	04220
Osmium ammine-B	100mg	21033
Propidium iodide	100mg	03748
Pyronin Y, C.I. 45005, certified	5g, 25g	18614
Rhodamine B isothiocyanate, mixture of isomers	250mg	00374
TB Fluorostain	1 kit	22422
Toluidine blue O, C.I. 52040, certified	25g	01234
Toluidine blue O, C.I. 52040, purified	10g	15931
XTT	100mg, 500mg	19661
Protein Stabilizer		
Prionex®	100ml	24621

New Biodegradable Polymers

Poly(ethylene glycol) / Poly(lactic acid) Diblock & Triblock Polymers (PEG/PLA)

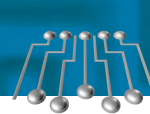
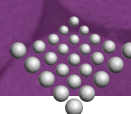
Polymer structures featuring polyethylene glycol (PEG), with biodegradable or biocompatible segments offering micellar, nano and microsphere morphologies which are useful for controlled release formulations. Molecular weights of blocks controlled by GPC. Alternative structures can be synthesized.



Numbers in parentheses refer to Mw of the segment.

Description	Size	Catalog #
Diblock Polymers		
PEG(350)-b-PLA(300)	1g	24375
PEG(1000)-b-PLA(750)	1g	24378
PEG(1000)-b-PLA(5000)	1g	24381
PEG(5000)-b-PLA(1000)	1g	24386
PEG(5000)-b-PLA(5000)	1g	24389
Triblock Polymers		
PLA(1000)-b-PEG(1000)-b-PLA(1000)	1g	24500
PLA(2000)-b-PEG(1000)-b-PLA(2000)	1g	24501
PLA(5000)-b-PEG(1000)-b-PLA(5000)	1g	24502
PLA(1000)-b-PEG(4000)-b-PLA(1000)	1g	24503
PLA(1000)-b-PEG(10,000)-b-PLA(1000)	1g	24509

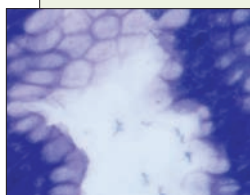
Polysciences Inc. specializes in custom synthetic capabilities to modify or expand the range of available materials. Please contact us for your custom quotations today!



New Histology & Cytology

FNA / H. Pylori Stain Kit

Rapid stain method for Fine Needle Aspirations, bone marrows, smears and multiple microorganisms such as *H. Pylori*. Clear crisp staining of bacteria in deep shades of blue. Fast alternative to Wright-Giemsa staining procedures.



1 kit #24606

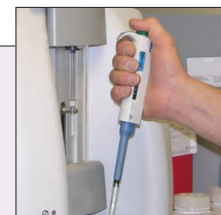
Helix shaped H. Pylori bacteria in human colon tissue.

Description	Size	Catalog #
Ready-to-Use Stains		
2% Acridine Orange, Ready-to-Use	10ml	24603
0.25% Metanil Yellow, Ready-to-Use	250ml	24610
Biebrich Scarlet-Acid Fuchsin Solution, Ready-to-Use	100ml	24602
Fast Frozen Stain Kit, Ready-to-Use	1kit	24604
Luxol Fast Blue, Ready-to-Use	500ml	24611
Poly G Blue, Ready-to-Use	500ml	24609
Poly R Blue, Ready-to-Use	500ml	24608
Safranin, Ready-to-Use	1gal	24672
Scott's Bluing Reagent, Ready-to-Use	100ml, 1gal	24605
Special Stains		
Brown and Brenn's Stain Kit	1kit	24634
Fungi-Fluor® Kit for Fungal Detection	1kit	17442
Fungi-Fluor® Pneumocystis Kit	1kit	22363
MicroSilver® Stain Kit (PCP) IVD	1kit	22518
Movat's Pentachrome Stain Kit	1kit	24630
Periodic Acid Schiff's Stain Kit (PAS)	1kit	24200
Prussian Blue Reaction for the Demonstration of Iron	1kit	24199
Rapid Mucin Stain Kit	1kit	24208
TB Fluorostain Kit	1kit	22422
Verhoeff's Stain Kit	1kit	24632
Villanueva Osteochrome Bone Stain	450ml	16280
VonKossa's Stain Kit	1kit	24633
Wright's Giemsa Stain Solution	470ml	08711
Fixatives		
Hartman's Fixative	500ml, 1gal	24355
Hollandes Fixative	500ml, 1gal	24354
Michel's Fixative	500ml, 1gal	24353
Embedding		
Peel-A-Way® Micro-Cut Preferred (DMF) Paraffin 52° - 54°C	1 case (4 x 2.5kg)	24201D
Peel-A-Way® Micro-Cut Preferred (DMF) Paraffin 56° - 58°C	1 case (4 x 2.5kg)	24198D
Peel-A-Way® Micro-Cut Preferred (DMF) Paraffin 62° - 64°C	1 case (4 x 2.5kg)	24202D
Soft Block	500ml, 1gal	24616

New Microspheres & Particles

ViaCheck™ - Viability Controls

Image based instrument viability controls. Our particle standards offer discrete "live" and "dead" populations. They can be delivered in customizable ratios & concentrations.



Description	Size	Catalog #
Viable (%)		
Count or Concentration		
Quantity per vial		
0	1 x 10 ⁶	20ml 24622
50	1 x 10 ⁶	20ml 24623
75	1 x 10 ⁶	20ml 24624
90	1 x 10 ⁶	20ml 24625
100	1 x 10 ⁶	20ml 24626
Concentration Controls		
Count or Concentration		
Quantity per vial		
	1 x 10 ⁶	20ml 24627
	4 x 10 ⁶	20ml 24628
	8 x 10 ⁶	20ml 24629

New Specialty Chemicals

SAR-GEL® - Water Indicating Paste



Provides a fast, reliable way to detect water content in laboratory reagents and solvents such as xylene and absolute ethanol.

1oz tube, 12x1oz tubes #24615

Description	Size	Catalog #
2-(9H-Carbazole-9-yl) ethyl methacrylate	1g	24372
N-(t-BOC-aminopropyl)methacrylamide	10g	24318
N-(2-Hydroxyethyl) Carbazole, min. 97%	5g	24596
o-Nitrobenzyl methacrylate, min. 95%	10g	24360
Chitin, practical	50g	00210
LabPro™ Lens Cleaning Towelettes	1 box / 100 towelettes	24400
Mercaptyalkyl PEG Gold Nanoparticles*	5ml	24688
Naked Gold Nanoparticles - in Toluene*	5ml	24689
Thiol Capped Gold Nanoparticles (2-5nm)*	5ml	24690

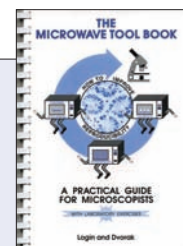
*Available after Sept. 1, 2006, please allow for a 3 month lead time.

New Reference Book

The Microwave Tool Book - A Practical Guide For Microscopists

The Microwave Tool Book is the classic reference text for practical use of microwave processing in histology.

1 book #23509



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Visit www.polysciences.com to learn more about our product lines - including product descriptions, features and method of use.