

Histology/Cytology

Our expanding line of the histology and cytology reagents includes all dyes on the Biological Stain Commission List. Your suggestions for new or improved histology and cytology products are welcomed. Quantity discounts are available on all products. Please see our Microscopy & Histology Catalog for our complete selection. We will formulate solution dyes in bulk to meet your special needs.

Fixatives & Reagents:

Cat. #	Description	Size
16045	Bouin's Fluid	8x470 ml
09860	Ethyl alcohol (95%), Histology Grade	1 gal
00625	Formaldehyde, solution, 37% aqueous, U.S.P. Histology Grade	1 gal
08379	Formalin, 10% Buffered Neutral	3.75 L
08389	Xylene, Histology Grade	1 gal
21516	Zinc Formalin Fixative, ph 6.25 (Buffered)	3.75 L

Histocon

Preservative transport medium for biopsies. Histocon provides the flexibility for combined morphological and histochemical studies in the same tissue biopsy. Request Data Sheet #225.

Cat. #	Description	Size
00582	Histocon	500 ml

Poly/LEM Fixative

This Modified Millonig's Formalin is based on the formula by F.L. Carson can be used for both Light and Electron Microscopy LEM fixation. REF.: Carson, F.L., Amer. J. Clin. Path., 59:365 (1973).

Cat. #	Description	Size
16864	Poly/LEM Fixative, Methanol Free	3.75 L 4x3.75 L

Grossing & Processing Supplies:

Tissue Marking Dye Kit

Used for Moh's Technique. This dye kit permits perfect orientation of excised surgical specimens. It is a method of permanently marking the margins of tissue specimens facilitating skin cancer testing. Contents of kit: 28 ml each of Blue, Black and Yellow Dye.

Cat. #	Description	Size
21408	Tissue Marking Dye Kit	1 kit

Tissue Cassette IV

The unique patented design permits maximum fluid exchange and drainage during processing. These heat & chemical resistant plastic cassettes can also be used in microwave techniques and decalcifying solution. Their universal size fits all popular base molds and is available in seven colors. We offer Tissue Cassette IV by the box (250) or case (4x250).

Cat. #	Description
21467	White
21468	Blue
21469	Yellow
21470	Green
21471	Pink
21472	Tan

Embedding Supplies:

Paraffin, Peel-A-Way System™

Manufactured by Polysciences, these paraffins cut crisply even at room temperature. The convenient pellet form makes handling easier and reduces melting time. Peel-A-Way paraffin cut compression-free ribbons for smooth wrinkle-free sections.

Cat. #	Description	Size
19797	Paraffin, Peel-A-Way, mp 53-55°C	1 case 4.54 kg
19798	Paraffin, Peel-A-Way, mp 56-58°C	1 case 4.54 kg
19799	Paraffin, Peel-A-Way, mp 60-62°C	1 case 4.54 kg
23695	Paraffin, Peel-A-Way Plus™, mp 56-58°C New, improved clarity	1 case 4.54 kg

Paraffin, PolyFin™

This is a mixture of fine paraffin waxes and copolymer alloys in convenient pellets. PolyFin produces ultrathin compression-free ribbons. It is used to cut 2 micron sections routinely without icing. PolyFin provides maximum support for both hard and soft tissue samples while maintaining exceptional clarity. The low 55°C melting point eliminates excessive heat distortion during tissue processing.

Cat. #	Description	Size
19562	Paraffin, PolyFin™, mp 55°C	1 case (8x1 kg) 1 keg (15 kg)

PolyFreeze

A cryostat embedding medium sections flawlessly at routine frozen specimen thickness of 5-6µ and leaves no slide residue. It provides for -20°C cryostat LM sectioning in rapid set embedding. PolyFreeze is water soluble.

Cat. #	Description	Size
19636	PolyFreeze	1 case (6x120 ml)

PolyGuard

A xylene free paraffin repellent, PolyGuard is used to put a protective coating on surfaces exposed to paraffin as well as to clean adhering paraffin off laboratory counterparts and equipment.

Cat. #	Description	Size
21168	PolyGuard	120 ml 1 case (6x120 ml)

Microscope Slides:

Cat. #	Description	Size
21911	Frosted	1 box/72 slides
22247	Poly-L-Lysine Coated	1 box/72 slides
22246	Silane Coated	1 box/72 slides

Polysciences' SectionLock® Slides

Treated with a specially formulated aminoalkylsilane, SectionLock Slides provide a positively charged surface, which permits instant coupling of negatively charged sections. The resultant bond withstands even the aggressive solutions used in *In-Situ* Hybridization procedures. Available in a plain frosted version and 5 additional colors. 72 slides per box.

Cat. #	Description	Size
23647	White	1 box
23680	Blue	1 box
23681	Yellow	1 box
23682	Green	1 box

Microscope Slides, Control

A new approach to control slides. This slide allows the control specimen and the patient's specimen to be on the same slide with positive identification of both specimens. The slide has a frosted end for easy marking and special coating for enhanced sample adhesion to the slide.

Cat. #	Description	Size
24012	Microscope Slides, Control	1 box

Dyes and Stains:

Polysciences offers all the dyes certified by the Biological Stain Commission. For a full listing of these and additional dyes look in the Alphabetical section of our current Microscopy & Histology Catalog.

Hematoxylin

Cat. #	Description	Size
23633	Harris Hematoxylin, Acidified, Mercury Free	2x470 ml
00109	Gill's Hematoxylin #1	470 ml 4x470 ml 3.75L
04570	Gill's Hematoxylin #2, Double strength	470 ml 4x470 ml 3.75L
04571	Gill's Hematoxylin #3, Triple strength	470 ml 4x470 ml 3.75L

Counterstains

Cat. #	Description	Size
09859	Eosin Y, 0.5% Alcoholic, contains acetic acid	470 ml 4x470 ml
17269	Eosin Y, 1% Alcoholic, contains no acetic acid	470 ml 4x470 ml
09782	Gill's Modified OG-6	4x470 ml 3.75 L
09783	Gill's Modified EA	4x470 ml 3.75 L

Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for his own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.

Acid-Fast BactiStain™ Kit

This staining kit provides a fast, microwaveable staining protocol adapted from the classic Ziehl-Neelsen or carbol-fushsin procedure. Request Data Sheet #493. Kit includes everything you need for 100+ applications.

Cat. #	Description	Size
22498	Acid-Fast BactiStain Kit	1 kit

Fungi-Fluor™Pneumocystis Kit

The Fungi-Fluor™Pneumocystis Kit offers a fast, fluorescent staining procedure for *Pneumocystis carinii* in bronchial specimens. Request Data Sheet #482. The kit consists of 10 ml of staining solution (100+ applications) and 10 positive unstained control slides.

Cat. #	Description	Size
22363	Fungi-Fluor™Pneumocystis Kit	1 kit
22251	<i>Pneumocystis carinii</i> control slides	10 slides

Gomori's Trichrome

Cat. #	Description	Size
16091	Gomori's One-Step Trichrome Stain Request Data Sheet #389	100g

MicroSilver™ Staining Kit

This staining kit uses a microwave method for the detection of fungi and *Pneumocystis carinii* in tissue sections, smears and touch preparations. It utilizes an ammoniacal silver technique that is more stable than methenamine silver and offers superior staining results. Request Data Sheet #497.

Cat. #	Description	Size
22518	MicroSilver™ Staining Kit	1 kit

Multiple Stain Solution

This quick dip stain can be directly applied to frozen sections to differentiate acidophilic and basophilic structures, similar to hematoxylin and eosin, in a fraction of the time. Request Data Sheet #269.

Cat. #	Description	Size
08824	Multiple Stain Solution	50 ml 100 ml

TB Fluorostain Kit

The TB Fluorostain kit offers a fast, fluorescent, microwaveable staining method for mycobacteria. Request Data Sheet #488.

Cat. #	Description	Size
22422	TB Fluorostain Kit	1 kit

Immunohistochemical Reagents:

Additional reagents for histochemistry, immunocytochemistry and enzyme immunoassays can be found in our catalog.

Mounting Media:**Aqua-Poly/Mount**

A water-soluble, non-fluorescing mounting medium. Useful for frozen sections, fat stains and immuno-stains when aqueous mounting media is required.

Cat. #	Description	Size
18606	Aqua-Poly/Mount	20 ml

Poly-Mount

Permanent acrylic mounting medium for cover glasses: fast drying, crystal clear, miscible with xylene or toluene.

Cat. #	Description	Size
08381	Poly-Mount	120 ml 940 ml

Accessories:

Polysciences also offers a full line of equipment for the Histology Laboratory: coplin jars, microscope slide storage trays, boxes and cabinets, grossing boards, timers, marking pens and books. Please see our Microscopy & Histology Catalog for our complete selection.

Microtome Blades, Disposable

Shur/Sharp blades represent the ultimate in technology. Chatterless and compression-free ribbons will become routine for all types of tissue. For use with AO or other high profile blade holders. There is a choice of three types of disposable blades to meet all the sectioning needs.

Cat. #	Description	Size
22080	AO or Reichert Microtome Blades	pack of 60
22380	Heavy Duty Microtome Blades	pack of 35
22381	Regular Microtome Blades	pack of 60

To Order:

In The U.S. Call: 1-800-523-2575 • 215-343-6484

In The U.S. FAX: 1-800-343-3291 • 215-343-0214

In Germany Call: (49) 6221-765767

In Germany FAX: (49) 6221-764620

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