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TECHNICAL DATA SHEET 290

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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	1 L, 1 gal
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, 20 L
08389	Xylene, Histology Grade	1 gal
21516	Zinc Formalin Fixative, ph 6.25 (Buffered)	3.75 L

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 4 x 3.75 L

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.

Cat. #	Description	Size
21468	Blue	250 cassettes
21469	Yellow	250 cassettes
21471	Pink	250 cassettes

PARAFFIN, POLYFIN

This is a mixture of fine paraffin waxes and copolymer alloys in convenient pellets. PolyFin produces ultra-thin 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 (8 x 1 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	4oz, 1 case (6 x 120 mL)

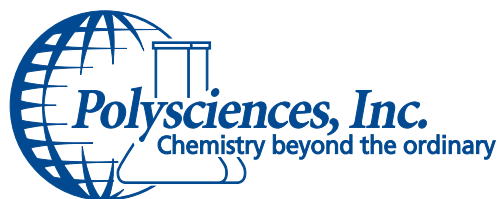
POLYGUARD

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	120mL 1 case (6 x 120 mL)

MICROSCOPE SLIDES:

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



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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 (72 Slides)

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.

COUNTERSTAINS

Cat. #	Description	Size
09859	Eosin Y, 0.5% Alcoholic contains acetic acid	500mL, 1000mL 3.75 L
17269	Eosin Y, 1% Alcoholic, contains no acetic acid	500mL 1000mL
09782	Gill's Modified OG-6	500mL, 1000mL 3.75 L
09783	Gill's Modified EA	500mL, 1000mL 3.75 L

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	Pneumocystis carinii contrl slides	10 slides

GOMORI'S TRICHROME

Cat. #	Description	Size
16091	Gomori's One-step Trichrome Stain Request Data Sheet #389	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	100mL 500mL 1000mL

TB FLOUROSTAIN KIT

The TB Fluorostain kit offers a fast, fluorescent, microwavable 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

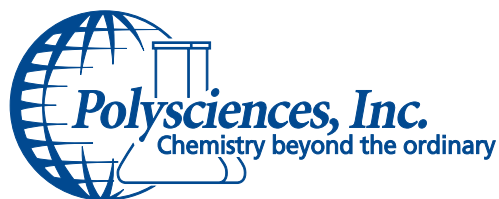
A water-soluble, non-fluorescing mounting medium. Useful for frozen sections, fat stains and immuno-stains when aqueous mounting media is required.

Cat. #	Description	Size
18606	Aqua-Poly / Mount	20mL 100mL 5 x 20mL

POLY-MOUNT

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

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



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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	50 Blades
22380	Heavy Duty Microtome Blades	35 Blades

TO ORDER

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