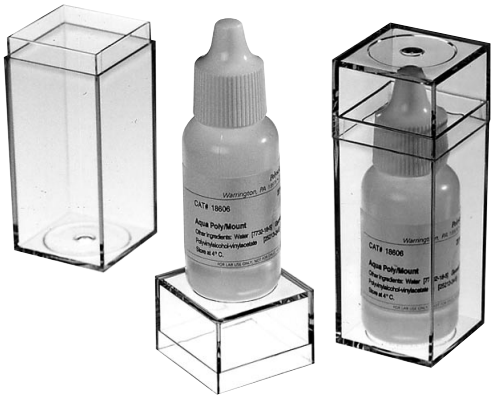
Polysciences, Inc.
Chemistry beyond the ordinary

Corporate Headquarters
400 Valley Road
Warrington, PA 18976
1-800-523-2575
FAX 1-800-343-3291
Email: info@ polysciences.com
www.polysciences.com

Europe - Germany
Polysciences Europe GmbH
Handelsstr. 3
D-69214 Eppelheim, Germany
(49) 6221-765767
FAX (49) 6221-764620
Email: info@ polysciences.de

Aqua-Poly/Mount Coverslipping Medium

Catalog Number 18606



Introduction:
Aqua-Poly/Mount is a non-permanent aqueous mounting medium formulated for coverslipping directly from aqueous solutions. It is non-fluorescing and has an antifade component to increase the viewing time of the specimen. Use Aqua-Poly/Mount with most fluorescent dyes and stains to enhance and retain fluorescent intensity.

Aqua-Poly/Mount can be used for frozen sections, fat stains, chromogens for immunohistochemistry and *in situ* hybridization as well as other applications requiring a water soluble mounting medium. Using Aqua-Poly/Mount, the coverslip will dry in 24 to 48 hours depending on the amount of medium used. Painting the edges of the coverslip is unnecessary. When the medium dries it will form a seal.

Procedure:
Prepare slides as required. Prior to coverslipping rinse the slides in distilled or deionized water. The excess fluid can be drained, but blotting is not recommended. Aqua-Poly/Mount is supplied in convenient 20ml dropper bottles for manual staining and in larger volumes for automated coverslippers.

Apply one to four drops of Aqua-Poly/Mount to the slide at the end or over the tissue. Carefully lower the coverslip at an angle while gently applying pressure to force any excess medium and air bubbles away from the tissue and out from under the coverslip. It is helpful to draw the coverslip to the edge of the coverslipping medium and then lower it slowly while applying pressure. Gently tilt the slide to remove any medium at the edges of the slide and coverslip. The slide can be viewed immediately or after drying. Slides can be dried at room temperature or at 4°C. Drying at 4°C will increase drying times. Do not heat the slides as this can damage or fade some stains or reactions. Slides containing fluorescent chromogens should be stored in the dark.

Aqua-Poly/Mount can be used on automated coverslippers in place of traditional solvent based coverslipping medium. The viscosity of the medium may require adjusting for proper flow rates. Allow the liquid to come to room temperature before making any adjustments for flow rate as the viscosity will change. The amount of medium dispensed will effect the drying time. Thicker sections will require more coverage with medium to assure the coverslip remains in place against the slide surface.

Ordering Information

Catalog #	Description	Size
18606-20	Aqua-Poly/Mount Coverslipping Medium	20ml
18606-500	Aqua-Poly/Mount Coverslipping Medium	500ml
16864-3.8	Poly/LEM Fixative (10% NBF not stabilized for LM & EM)	3.8l
24216-1	Tissue Tack (Silane Charged) Microscope Slides	1 box
22247-1	Poly-L-Lysine Coated Microscope Slides	1 box

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