

TECHNICAL DATA SHEET 432

Coverslipping & Mounting Medium

Aqua-Poly/Mount (Cat. #18606)

Aqua-Poly/Mount is a water soluble, non-fluorescing mounting medium formulated for mounting sections from aqueous solutions. Use for frozen sections and special procedures that will not tolerate alcohols or solvents. Aqua-Poly/Mount is the mountant of choice for immunofluorescent techniques as it enhances and retains fluorescent stains. Coverslip directly from water or buffer using standard methods. Coverslips can be easily removed by soaking in water. The refractive index is 1.454-1.460. Viscosity: 390 CPS

Poly-Mount® (Cat. #08381)

Poly-Mount is a toluene based routine coverslipping medium for histology and cytology slides. This acrylic medium provides superior optical clarity with a refractive index of 1.48. It is non-water soluble. It is miscible with toluene and xylene. Poly-Mount contains an anti-fade agent to prevent fading and yellowing with long term storage. The medium dries quickly for viewing, storage, and filing. Viscosity: 192 CPS

Poly-Mount® Xylene (Cat. #24176)

Poly-Mount Xylene is a xylene based routine coverslipping medium for histology and cytology slides. This acrylic medium provides superior optical clarity and has a refractive index of 1.48. Poly-Mount Xylene is recommended for automated coverslipping instruments that use both glass and tape coverslips. It contains an anti-fade agent to prevent fading and yellowing with long term storage. The medium dries quickly for viewing, storage, and filing. Viscosity: 107 CPS

CitraMount™ Medium (Cat. #24214)

CitraMount Medium enables coverslipping directly from d-limonene based clearants. The butyl-acetate and acrylic formula dries hard and clear overnight. The formula works well with xylene for coverslipping. It is not recommended for use with non-aliphatic hydrocarbon clearants. The refractive index is 1.42. Viscosity: 90 CPS

Plastic UV Mount Mounting Media (Cat.#16866)

This medium is designed for coverslipping epoxy, methacrylate, and deparaffinized sections directly from water or alcohol. Plastic UV Mount matches the refractive index of JB-4 embedded sections, since the JB-4 embedding resin is not removed prior to staining. Methacrylate based Plastic UV Mount avoids optical distortion and improves the final image. When applied to sections with a small amount of xylene, Plastic UV Mount "hardens" permanently within 2 minutes with exposure to long UV light supplied from our UV Polymerization Lamp, thus obviating leaching of stains. Slides must be coverslipped for viewing. The refractive index is 1.45. Viscosity: 28 CPS

PolyGlass (Cat. #22253)

PolyGlass is a liquid acrylic resin that spreads thinly and evenly forming a permanent scratch resistant layer, replacing a coverslip. It has a refractive index near 1.48 and can be removed if necessary by soaking in toluene or xylene. Ideal for uneven thick sections that cause air bubbles under a coverslip with routine procedures. Viscosity: 149 CPS

CMCP Macroinvertebrate Media

CMCP-9 Low Viscosity (Cat. #16299)

CMCP-10 High Viscosity (Cat. #16300)

This medium is useful for mounting free living nematodes and live parasitic worms. CMCP is a colorless, non-resinous, water miscible mounting medium for permanent transparent mounts. CMCP medium allows live or preserved specimens to be mounted directly from water or alcohol. It has a refractive index of 1.41 and comes in high and low viscosity formulas.

Ordering Information:

Cat. #	Description	Size
18606-20	Aqua-Poly/Mount	20ml
18606-100	Aqua-Poly/Mount	100ml
18606-5	Aqua-Poly/Mount	5x20ml
08381-120	Poly-Mount®	120ml
08381-940	Poly-Mount®	940ml
24176-120	Poly-Mount® Xylene	120ml
24176-940	Poly-Mount® Xylene	940ml
24214-100	CitraMount™ Medium	100ml
24214-500	CitraMount™ Medium	500ml
16866-100	Plastic UV Mount Mounting Media	100ml
22253-120	PolyGlass	120ml
22253-6	PolyGlass	6x120ml
16299-100	CMCP-9 Macroinvertebrate	100ml
16299-500	Mounting Media, Low Viscosity	500ml
16300-250	CMCP-10 Macroinvertebrate	250ml
16300-500	Mounting Media, High Viscosity	500ml

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 Europe Call: (49) 6221-765767

In Europe Fax: (49) 6221-764620

Order online anytime at www.polysciences.com

References:

Luchtel, DL et al. *Biotechnic & Histochemistry* 73(6) 291-309, 1998
Kaplow, LS et al *Ann NY Acad. Sci* 468:85-92, 1986
Murgatroyd, LB *Diag Histopathol* 5(3) 219-22, 1982