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## TECHNICAL DATA SHEET 432

# Coverslipping & Mounting Medium

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### **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. Aqua-Poly/Mount solidifies under coverslip on the microscope slide after 24 hours with the following laboratory conditions and ambient temperature; relative humidity in winter time at greater than 20% and relative humidity in the summer time of up to 60%. 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 a 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**

#### **CMPC-9 Low Viscosity** (Cat. #16299), **CMPC-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**

<b>Cat.#</b>	<b>Description</b>	<b>Size</b>
18606-20	Aqua-Poly/Mount	20ml
18606-100		100ml
18606-5		5x20ml

### **ADDITIONAL PRODUCTS**

<b>Cat #</b>	<b>Description</b>
08381	Poly-Mount
24176	Poly-Mount Xylene
24214	CitraMount Medium
16866	Plastic UV Mount Mounting Media
22253	PolyGlass
16299	CMCP-9 Macroinvertebrate Mounting Media, Low Viscosity
16300	CMCP-10 Macroinvertebrate Mounting Media, High Viscosity

### **TO ORDER**

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