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TECHNICAL DATA SHEET 979

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Plastic UV Mounting Medium

DESCRIPTION

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

PROTOCOL

Plastic UV Mounting Medium is a permanent mounting medium for dehydrated and cleared sections, processed via manual and automated staining protocols.

1. Remove the slide from the water, alcohol, clearing agent, (xylene, xylene substitute, d-limonene) and drain well, but do not allow for slides to air dry.
2. Add two drops of Plastic UV Mounting Medium over the section, more may be required for thicker or larger sections.
3. Coverslip with a glass coverslip, avoid causing bubbles during the coverslipping process, excess mounting medium should be wiped away clean before curing with a long wave UV lamp.
4. Place the slide under a long wave UV lamp within 1-inch from the light source.
5. Place the slide under a long wave UV lamp within 1-inch from the light source.

Notes:

1. Even when using charged slides, adhesive coated slides, or plain slides, the Plastic UV Mounting Medium will be clear and colorless after polymerization with the long wave UV light.
2. If the need arises and the coverslip must be removed, a brief window of time will allow the end user to heat the slide and remove the coverslip after curing, if the slide has been coverslipped and a larger time has passed after polymerization, soaking in xylene will suffice for removal, check at 20 minute intervals until the cover slip can be removed.

ORDERING INFORMATION

Cat. #	Description	Size
16866	Plastic UV Mount Mounting Media	100 ml

ADDITIONAL PRODUCTS

Cat. #	Description	Size
08381	Poly-Mount	120 ml
18606	Aqua-Poly/Mount	100 ml
24176	Poly-Mount Xylene	120 ml
24214	CitraMount Medium	100 ml
22253	PolyGlass	120 ml
16299	CMCP-9 Macroinvertebrate Mounting Media, Low Viscosity	100 ml
16300	CMCP-10 Macroinvertebrate Mounting Media, Low Viscosity	250 ml

TO ORDER

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