

Non-Aqueous Mounting Medium

Instructions for Use

For in vitro diagnostic use.

For use as a permanent, resin-based mounting medium in histological and cytological preparations.

Non-aqueous mounting media are aromatic-based adhesives for use with glass coverslips. They are clear and colorless and will not discolor with age. The formulas are soluble in xylene, toluene, and some aliphatic-hydrocarbon based clearing reagents.

Mounting Medium is a toluene-based rapid-drying mounting medium. It is miscible with all clearing agents including xylene substitutes. This mounting medium is optically clear and will not cause fading of stains even after prolonged storage.

ClearVue™ Mountant is a toluene-based rapid-drying mounting medium. It is miscible with all clearing agents including xylene substitutes. This mounting medium is optically clear and will not cause fading of stains even after prolonged storage. ClearVue Mountant is approved specifically for use with the ClearVue coverslipper.

ClearVue™ Mountant XYL is a xylene-based rapid drying mounting medium. It is miscible with all clearing agents including xylene substitutes. This mounting medium is optically clear and will not cause fading of stains even after prolonged storage. ClearVue Mountant is approved specifically for use with the ClearVue coverslipper.

Cytoseal™ 60 is a toluene-based mounting medium formulated from acrylic resins and will not crack or discolor with age. The addition of antioxidants inhibits fading or yellowing of stained specimens. This is a low-viscosity medium that dries quickly and allows for rapid, even spreading which virtually eliminates air bubbles.

Cytoseal™ 280 is a toluene-based mounting medium formulated from acrylic resins and will not crack or discolor with age. The addition of antioxidants inhibits fading or yellowing of stained specimens. This is a high-viscosity medium for applications where minimal spreading is desired.

Cytoseal™ XYL is a xylene-based mounting medium that contains an antioxidant to inhibit the fading or yellowing of stained specimens. It is a rapid-drying medium allowing microscopic examination of slides soon after application.

EZ-Mount™ is a xylene-based, high-viscosity mounting medium for use with glass coverslips.

Shandon-Mount™ is a toluene-based mounting medium that can be used as a conventional mounting medium or it can be employed as a liquid coverslip. When used as a liquid coverslip, Shandon-Mount dries overnight for next day filing.

Synthetic Mountant is a toluene-based, medium-viscosity mounting medium that can be used as a conventional mounting medium.

Xylene Substitute Mountant was specially formulated for its compatibility with Epredia™ Xylene Substitute, but it will work very well in all routine mounting of specimens with xylene. Although compatible with Xylene Substitute, this mounting medium is not soluble in it. See the section on "Removing A Coverslip."

Consul-Mount™ (Histology Formulation) is a xylene-based mounting medium approved specifically for use with the Consul coverslipper.

Consul-Mount™ (Cytology Formulation) is a xylene-based mounting medium approved specifically for use with the Consul coverslipper.

Instructions For Use

1. Remove a stained slide from clearing reagent.
2. Quickly wipe the back of the slide.
3. Place a small amount of mounting medium onto the slide.
4. Position the coverslip at an angle to the slide and slowly lower the coverslip - avoiding the formation of air bubbles and allowing the mounting medium to spread over the entire surface to be joined.
5. Mounting medium may also be applied to the coverslip rather than to the slide. Move the dispense nozzle along the edge of the coverslip to deposit a small amount of mounting medium. Place the slide at a 90° angle to the coverslip and lower the slide to a lesser angle until the coverslip adheres to the slide.
6. If necessary, drain extra medium by standing the slide on its edge on an absorbent towel.
7. Gently press out any noticeable air bubbles with a pair of forceps.
8. Allow sufficient time for the slides to dry before storage.

Note: For mounting medium catalog #4111, 4112, 4211, 4212, 1900231, 1900233 and 9999122, do not use with picric acid counterstains; the stained slide will fade.

Special Instructions for Shandon-Mount

Shandon-Mount may be employed as a conventional mounting medium or as a liquid coverslip. The following steps describe how to use as a liquid coverslip:

1. Drain slide, but leave moist with clearing agent.
2. Place slide on parallel applicator sticks to raise it off a protected level surface.
3. Flow Shandon-Mount onto specimen until it approaches the edges of the slide.
4. Let slide dry naturally on a level surface until tacky (approximately 20 minutes depending on ambient temperature and humidity). Let stand overnight before filing.

Where improved microscopic resolution is desired, Shandon-Mount may be removed by soaking the slide in xylene. A glass coverslip may then be applied with mounting medium in the usual manner.

Removing a Coverslip

It is sometimes necessary to remove a coverslip. This is usually done so that a slide can be de-stained and re-stained. In this way a slide that was stained improperly can be corrected, or the original stain can be removed to make room for the application of a special stain. Note: Slides originally coverslipped using a xylene substitute require xylene for coverslip removal.

To remove a coverslip do one of the following:

1. Soak the slide in xylene until the coverslip falls off.
2. Place the slide in a 60 °C oven for 3 to 4 hours. Note: Non-aqueous mounting media are flammable. Care should be taken when heating.
3. Place the slide in a freezer for several minutes.

Do not try to force a coverslip off a slide. Damage to the tissue section will occur.

Automated Coverslipping

Follow directions for use with your automated coverslipping instrument.

Warnings and Precautions

See Safety Data Sheets for warnings and precautions, as well as EUH code definitions.
See container label for warnings and precautions.

Order Information

Product	Size	Qty.	REF
Mounting Medium	4 oz. (118 mL)	6/cs.	4112
Mounting Medium	16 oz. (473 mL)	2/cs.	4111
ClearVue™ Mountant	16 oz. (473 mL)	2/cs.	4211
ClearVue™ Mountant XYL	16 oz. (473 mL)	2/cs.	4212
Cytoseal™ 60	4 oz. (118 mL)	6/cs.	8310-4
Cytoseal™ 60	16 oz. (473 mL)	6/cs.	8310-16
Cytoseal™ 280	4 oz. (118 mL)	6/cs.	8311-4
Cytoseal™ XYL	4 oz. (118 mL)	6/cs.	8312-4
Cytoseal™ XYL	16 oz. (473 mL)	2/cs.	8312-16E
Shandon-Mount™	60 mL (approx. 2 oz.)	Ea.	1900331
Shandon-Mount™	120 mL (approx. 4 oz.)	Ea.	1900333
Shandon-Mount™	500 mL (approx. 17 oz.)	2/cs.	9990435
Xylene Substitute Mountant	60 mL (approx. 2 oz.)	Ea.	1900231
Xylene Substitute Mountant	120 mL (approx. 4 oz.)	Ea.	1900233
Xylene Substitute Mountant	500 mL (approx. 17 oz.)	2/cs.	9999122
EZ-Mount™	500 mL (approx. 17 oz.)	2/cs.	9999120
Synthetic Mountant	500 mL (approx. 17 oz.)	2/cs.	6769007
Consul-Mount™ (Histology Formulation)	500 mL	4/cs.	9990440
Consul-Mount™ (Cytology Formulation)	500 mL	4/cs.	9990441