

**Thermo Scientific EZ-Mount Mounting Medium**  
**Thermo Scientific Shandon Mount Mounting Medium**  
**Thermo Scientific Synthetic Mounting Medium**  
**Thermo Scientific Xylene Substitute Mounting Medium**  
**Instructions for Use**

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

The Thermo Scientific™ EZ-Mount™ is a xylene-based mounting medium for use with glass coverslips. It is clear and colorless and will not discolor with age. The EZ-Mount formula contains an anti-oxidant to inhibit stain fading. Its refractive index is 1.495 +/- 0.005 and it is soluble in both xylene and toluene. The Thermo Scientific™ 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. Shandon Mount is clear and colorless and will not discolor with age. It contains an anti-oxidant to inhibit stain fading. When used as a liquid coverslip, Shandon Mount dries overnight for the next day filing. Thermo Scientific Shandon Mount is soluble in both xylene and toluene. The Thermo Scientific™ Synthetic Mountant™ is a toluene-based mounting medium that can be used as a conventional mounting medium. Thermo Scientific Synthetic Mountant's refractive index is 1.495 +/- 0.005 and it is soluble in both xylene and toluene. Xylene Substitute Mountant was specially formulated for its compatibility with Thermo Scientific™ Xylene Substitute, but it will work very well in all routine mounting of specimens. Xylene Substitute Mountant is soluble in it. See the section on "Removing A Coverslip."

### Warnings and Precautions

#### For in vitro diagnostic use

Reasonable care should be taken when using all laboratory reagents. Use with adequate ventilation.

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

### Storage

Store containers in areas approved for flammables. Do not handle or store near heat, sparks, flames or strong oxidants. Keep containers closed when not in use.

**Warning: Do not use Xylene Substitute Mountant with Picric Acid-based stains.**

However, Picric Acid fixation is not an issue.

### Instructions for Use

#### Conventional Coverslipping

Coverslip one slide at a time to prevent brown artifact from forming, and use the minimal amount of medium necessary to effectively bond the coverglass to the slide.

1. Lay the coverslip on an absorbent surface.
2. Place a drop or two of mounting medium toward the edge of the coverslip.
3. Remove a slide from clearing agent.
4. Quickly wipe the back of the slide dry.
5. Invert the slide so that the specimen side faces down.
6. Lower the slide until it reaches the coverslip, starting at one long edge. Gently press until the mounting medium spreads over the entire surface to be joined.
7. Turn over the slide/coverslip assembly.
8. If necessary, drain extra medium by standing the slide on its edge on an absorbent towel.
9. Gently press out any noticeable air bubbles.

**Note:** Thermo has not validated the protocol illustrated here and takes no responsibility for its use. Customer should always validate protocols before placing any reliance on them.

#### Special Instructions for Thermo Scientific Shandon Mount

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

To remove a coverslip do **one** of the following:

1. Soak the slide in xylene until the coverslip falls off.  
**OR -**
2. Place the slide in 60° C oven for 3 to 4 hours.  
**OR -**
3. Place the slide in a freezer for several minutes.

**Caution: Do not try to remove a coverslip by force.**

### Order Information

Product	Size	Qty	REF
EZ-Mount	500 mL bottles	2/Pk.	9999120
Shandon-Mount	500 mL bottles	2/Pk.	9990435
Shandon-Mount	120 mL bottle	Ea.	1900333
Shandon-Mount	60 mL bottle	Ea.	1900331
Shandon Synthetic Mountant	500 mL bottles	2/Pk.	6769007
Shandon Xylene Substitute Mountant	500 mL bottles	2/Pk.	9999122
Shandon Xylene Substitute Mountant	120 mL bottle	Ea.	1900233
Shandon Xylene Substitute Mountant	60 mL bottle	Ea.	1900231

