

## EcoMount

### Mounting Medium

Control Number: 902-897-082317

**Catalog Number:** BRR 897 L

**Description:** 100 ml, Ready-to-use

#### **Intended Use:**

For Research Use Only. Not for use in diagnostic procedures.

#### **Summary & Explanation:**

EcoMount is a fast-drying, optically clear, permanent mounting medium. This polymer-based mounting medium does not contain hazardous reagents such as xylene, toluene or benzene as its base solvent. EcoMount is designed especially for the permanent preservation of horseradish peroxidase, alkaline phosphatase and Qdot (quantum dot nanocrystals) immunofluorescent techniques. EcoMount permits long-term storage of slides with chromogens such as Warp Red, Vulcan Fast Red and Ferangi Blue. It can also be used with DAB and other non-soluble chromogens. EcoMount dries quickly and retains excellent refractivity. EcoMount is compatible for use on automatic coverslipping machines.

#### **Known Applications:**

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

#### **Supplied As:**

A ready-to-use liquid permanent mounting medium

#### **Materials and Reagents Needed But Not Provided:**

Microscope slides, positively charged  
Desert Chamber\* (Drying oven)  
Positive and negative tissue controls  
Xylene (Could be replaced with a xylene substitute\*)  
Ethanol or reagent alcohol  
Decloaking Chamber\* (Pressure cooker)  
Deionized or distilled water  
Wash buffer\*(TBS/PBS)  
Pretreatment reagents\*  
Enzyme digestion\*  
Avidin-Biotin Blocking Kit\*(Labeled streptavidin kits only)  
Peroxidase block\*  
Protein block\*  
Primary antibody\*  
Negative control reagents\*  
Detection kits\*  
Detection components\*  
Chromogens\*  
Hematoxylin\*  
Bluing reagent\*

\* Biocare Medical Products: Refer to a Biocare Medical catalog for further information regarding catalog number and ordering information. Certain reagents listed above are based on specific application and detection system used.

#### **Storage and Stability:**

Store at room temperature. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user.

#### **Staining Protocol Recommendations:**

##### **Directions for use:**

1. After the IHC staining procedure, dehydrate and clear slides; or air-dry slides. Use EcoMount as you would any permanent mounting medium.
2. Place all slides to be mounted on a horizontal surface and apply 1-2 drops of EcoMount over tissue sections and coverslip.
3. Drying time will vary depending on room temperature. To accelerate drying time, dry slides at 60°C to 70°C for 20-30 minutes.

##### **Removal of polymerized EcoMount:**

1. To remove a coverslip, soak slide in xylene until coverslip detaches. EcoMount viscosity may be reduced by adding a small amount of D-limonene.
2. Check slide to see if the coverslip has been removed. Repeat step number 1, if necessary.

#### **Staining Protocol Notes:**

1. Slides can be dipped in xylene and/or air dried and coverslipped with EcoMount mounting media.
2. EcoMount is compatible with tissue slides stained with fluorescent Qdots.
3. DO NOT USE EcoMount with conventional fluorescent dyes such as FITC, TRITC, Texas Red and Alexa Fluors.
4. Keep tightly sealed.
5. Picric acid stains may bleed or fade.

#### **Limitations:**

This product is provided for Research Use Only (RUO) and is not for use in diagnostic procedures. Suitability for specific applications may vary and it is the responsibility of the end user to determine the appropriate application for its use.

#### **Precautions:**

1. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water.
2. Microbial contamination of reagents may result in an increase in nonspecific staining.
3. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
4. Do not use reagent after the expiration date printed on the vial.
5. The SDS is available upon request and is located at <http://biocare.net>.
6. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.

#### **Technical Support:**

Contact Biocare's Technical Support at 1-800-542-2002 for questions regarding this product.