



EcoMount

Mounting Medium

Control Number: 902-897-042412

ISO
9001:13485
CERTIFIED

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 low hazard, nontoxic, nonflammable, and an environmental friendly 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 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. Diluted reagents should be used promptly; any remaining reagent should be stored at room temperature.

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.

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.

Performance Characteristics:

The protocols for a specific application can vary. These include, but are not limited to: fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. These products are tools that can be used for interpretation of morphological findings in conjunction with other diagnostic tests and pertinent clinical data by a qualified pathologist.

Quality Control:

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2). CLSI Wayne, PA, USA (www.clsi.org). 2011

Precautions:

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. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change. The MSDS is available upon request and is located at <http://biocare.net/support/msds/>. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.

Troubleshooting:

Follow the reagent specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.

Limitations & Warranty:

There are no warranties, expressed or implied, which extend beyond this description. Biocare is not liable for property damage, personal injury, or economic loss caused by this product.