

# EcoMount

General Laboratory Reagent  
904-GLR897-042023

**BIOCARE**  
M E D I C A L

| Available Product Formats |        |
|---------------------------|--------|
| Catalog Number            | Volume |
| GLR897L                   | 100 mL |

## Intended Use:

General Laboratory Reagent.

## Background Summary:

EcoMount is a permanent mounting medium. Mounting mediums are intended to help hold a specimen in place while imaging to prevent samples from drying out.

## Materials and Methods:

### Reagents Provided:

| Component Catalog No. | Component Description | Quantity x Volume |
|-----------------------|-----------------------|-------------------|
| GLR897L               | EcoMount              | 1 x 100 mL        |

\* Refer to the Biocare Medical website located at <http://biocare.net> for information regarding catalog numbers and ordering.

## Reconstitution, Dilution and Mixing:

The EcoMount reagent is ready to use. No reconstitution, mixing, dilution, or titration is required.

## Known Applications:

Immunohistochemistry and Immunofluorescence (formalin-fixed paraffin-embedded tissues).

## Supplied As:

Liquid permanent mounting medium. See Safety Data Sheet for additional details.

## Storage and Stability:

Store at room temperature. The reagent is stable to the expiration date printed on the vial label when stored under these conditions. Do not use after expiration date. Storage under any condition other than those specified must be verified. The reagent(s) are ready-to-use and should not be diluted.





## Warning and Precautions:

1. Kit reagent(s) contain less than 0.1% sodium azide. Concentrations less than 0.1% are not reportable hazardous materials according to U.S. 29 CFR 1910.1200, OSHA Hazard communication and EC Directive 91/155/EC. Sodium azide ( $\text{NaN}_3$ ) used as a preservative is toxic if ingested. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build-up in plumbing. (Center for Disease Control, 1976, National Institute of Occupational Safety and Health, 1976)<sup>1</sup>
2. Kit reagents contain less than 0.05% ProClin 300 and/or less than 1% ProClin 950. Wear gloves and protective clothing and take reasonable precautions when handling as ProClin is classified as an irritant and may cause skin contact sensitization. Avoid contact with eyes, skin, and mucous membranes.
3. Handle materials of human or animal origin as potentially biohazardous and dispose of such materials with proper precautions. In the event of exposure, follow the health directives of the responsible authorities where used.<sup>2,3</sup>
4. Microbial contamination of reagents may have an effect on its use.
5. Do not use reagent after the expiration date printed on the vial.
6. Follow local and/or state authority requirements for method of disposal.
7. Refer to the reagent safety datasheet (SDS) prior to use. Reagents may demonstrate unexpected reactions in previously untested procedures. The SDS is available upon request and is located at <http://biocare.net>.

## Warning and Precautions Cont'd:

8. Report any serious incidents related to this reagent by contacting the local Biocare representative and the applicable local, state, or governmental agencies.

This **EcoMount** contains components classified as indicated in the table below in accordance with Regulation (EC) No. 1272/2008.

| Hazard   | Code         | Hazard Statement   |
|--|--------------|--|
|  | H226         | Flammable liquid and vapor.  |
|  | H304         | May be fatal if swallowed and enters airways.  |
|  | H315<br>H317 | Causes skin irritation.<br>May cause an allergic skin reaction.                      |
|  | H400<br>H410 | Very toxic to aquatic life.<br>Very toxic to aquatic life with long lasting effects. |

## Instructions for Use:

The EcoMount reagents are for general laboratory use. When using them in combination with other products, refer to the related products instructions for use for recommended conditions for use.

When using this reagent with automated instruments, consult the specific instrument operator manual and instructions for use for operating parameters.

### To use the EcoMount:

1. After the 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 the slide to see if the coverslip has been removed. Repeat step number 1, if necessary.

## Technical Notes:

1. Slides can be dipped in xylene and/or air dried and coverslipped with EcoMount mounting media.
2. EcoMount is compatible with tissues slides stained with fluorescent Qdots.
4. Keep tightly sealed.


## Technical Support:

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

## Limitations:

### General Limitations:

1. For General Laboratory Use.
2. This reagent is for professional use only.
3. DO NOT USE EcoMount with conventional fluorescent dyes such as FITC, TRITC, Texas Red, or Alexa Fluors.
4. Picric acid stains may bleed or fade.

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### References:

1. Occupational Safety and Health Standards: Occupational exposure to hazardous chemicals in laboratories. (29 CFR Part 1910.1450). Fed. Register.
2. Directive 2000/54/EC of the European Parliament and Council of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work.
3. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.



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