
Glycerol-Ethanol Mounting Medium

Cat. No.: G1516097 | Pack size: 10 mL | Storage: Room temperature

Overview

Glycerol-Ethanol Mounting Medium, also known as Glycerol-Ethanol Mountant, is mainly composed of glycerol, ethanol, deionized water and other ingredients. As a water-soluble mounting medium, it is suitable for specimens that do not require complete dehydration or are prone to shrinkage and deformation after dehydration (e.g., fungi, algae, etc.), and is especially applicable for the mounting of fungi and insects. However, it has the disadvantage of easy water loss after mounting, which causes the medium to dry and shrink and form a large number of crystals. For long-term preservation, the edges of the coverslip need to be sealed with Canada balsam, neutral balsam or similar sealants. Based on the dosage of 50-100 μ l of mountant per sample, 5 ml of the medium can be used for mounting at least 50 samples. This reagent is for research use only (RUO) and not intended for clinical diagnosis or any other applications.

Materials to Be Prepared by the User

Slides, coverslips, fluorescence microscope

Operating Procedures (For Reference Only)

1. Adherent Cell Samples

- ① Aspirate the staining solution after completion of staining.
- ② Add 1 drop of Glycerol-Ethanol Mounting Medium onto the slide, cover with the coverslip with adherent cells attached, ensure the cells contact the mountant, and avoid air bubbles as much as possible.
- ③ Observe under a microscope.

2. Tissue Sections

- ① Aspirate the staining solution after completion of staining.
- ② Add 1 drop of Glycerol-Ethanol Mounting Medium onto the tissue section, cover with a coverslip, ensure the section contacts the mountant, and avoid air bubbles.
- ③ Observe the tissue section under a microscope.

3. Other Samples

Operate with reference to the procedures for cell samples or tissue sections for other types of samples.

Precautions

1. All fluorescent substances are susceptible to quenching; stained samples should be stored away from light.
2. After mounting with this product, it is recommended to seal the edges of the coverslip with neutral balsam.
3. For your safety and health, wear a lab coat and disposable gloves during operation.
4. Use the reagent as soon as possible after opening to prevent adverse effects on subsequent experimental results.

Specifications

Attribute	Value
Synonyms	Glycerol Ethanol Mounting Medium
Specifications & Purity	Suitable for Immunofluorescence(IF),BioReagent,for microscopy,Suitable for Immunohistochemistry(IHC)
Stability And Storage	Store at room temperature long term (12 months).
Storage Conditions	Room temperature
Shipped In	Normal

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be reviewed and reissued.