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Product Information

Gel Mount™ Aqueous Mounting Medium

Product Number **G 0918**
Store at Room Temperature

Product Description

Gel Mount™ is a non-glycerol based aqueous mounting medium designed for preserving fluorescence labeling in tissue sections. Gel Mount can be used in conjunction with many fluorescent tracers including fluorescein, rhodamine, Texas Red, Cy2, Cy3, Cy5, and tracers containing phycoerythrin, phycocyanin, or allophycocyanin. This mounting medium is not intended to be dried and coverslips are necessary. Drying will cause bubbling and will tracer degradation.

Gel Mount is specially formulated without glycerol to avoid the deleterious effects of this compound in some of the phycobiliprotein based detection systems. This makes Gel Mount the mounting medium of choice when phycobiliproteins are used as tracers. Furthermore, Gel Mount does not contain phenylenediamine that interferes with Cy2, Cy3, and Cy5.

The refractive index (n_D) of the liquid Gel Mount medium is 1.358 ± 0.002 .

The initial pH ranges from 10.5 to 10.7. Plasticizers contain an acidic component that lowers pH over time. The pH may be adjusted using Tris-base.

This product is **not** suitable for binary, insoluble substrates such as BCIP/NBT, BCIP/INT, AEC, DAB, and Fast Red generally used in immunohistochemistry applications. Crystal Mount™ Aqueous Mounting Medium or Clarion™ Mounting Medium is recommended for these applications.

Reagent

Gel Mount is supplied ready-to-use.

Precautions and Disclaimer

Gel Mount is for laboratory research use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store at room temperature away from flame. Keep away from moisture. Keep bottle tightly sealed.

Procedure

1. Rinse stained tissue with distilled water.
2. Remove excess water around tissue.
3. Place slide on a horizontal surface and apply two separate drops of Gel Mount.
4. Touch the slide with one edge of the coverslip and gently lower the coverslip onto the slide. Avoid creating bubbles.
5. Incubate for one hour, then seal the edges of the coverslip with Clarion or equivalent organic mounting medium. Slides will remain stable for minimum of 2 to 3 months.

Notes:

- For best results, store all mounted slides in the dark.
- Gel Mount is not intended to be dried.
- Coverslips **must** be used.
- Drying will cause air bubbles and may fade the tracer. Use generous amounts of Clarion to seal the edges to prevent evaporation.

Gel Mount, Clarion and Crystal Mount are trademarks of Biomedica Corporation.

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