

Technical Data Sheet

EMS Glycerol Fluoro Mount with Para Phenylenediamine (PPD) anti-fading agent

#17989-70, 17989-71

Description

Glycerol Fluorescence Mount with strong antifading agent, 1, 4-phenylenediamine (PPD) is an aqueous mounting medium for preserving fluorescence of tissue and cell smears. This unique formula prevents rapid photobleaching of FITC, Texas Red, AMCA, Alexa fluoro 488, Alexa fluoro 594, tetramethyl rhodamine, and Redox. The fluorescence is retained during prolonged storage at 4°C in the dark.

This medium contains phenylenediamine and is not suitable for immunofluorescence of Cy dyes, Phycoerythrin (R-PE), phyocyanin (PC), and allophycocyanin (APC).

Intended Use

Immunofluorescence, confocal microscopy

Reagent

Ready to use mounting medium with dark coffee color. This color does not interfere with Immunofluorescence.

Refractive Index

1.4563

Storage

2-8°C is recommended, Protect from light, DO NOT FREEZE

Procedure

Dehydration of specimen is not required.

1. Bring the vial to room temperature.
2. Rinse slide to be mounted with distilled or deionized water; touch the edges of slide on a paper towel to remove excess water. Place slides on a flat surface away from light.
3. Turn the vial upside down and open the dropper to remove any air bubbles.
4. Apply 2-3 drops of mounting medium directly on top of the specimen.
5. Let stand at room temperature for about 3-5 minutes in the dark.
6. Apply cover slip carefully avoiding air bubbles.
7. The specimen is ready for visualization under a microscope.
8. One can seal the edges of cover slip with nail polish or any organic medium. If a coverslip is not sealed air bubbles will appear in few days.
9. Method for applying Coverslip: Put 1-2 drops of Mounting medium on the specimen. After 3-4 minutes apply coverslip carefully avoiding air bubbles. Put Kimwipes on the top of coverslip, press gently to remove excess mounting medium. With 200 micropipette add organic mounting medium to seal the edges.
10. For storage it is recommended that the slide be stored in the dark at 2-8°C.