

Fluoro-Gel

Ready to use aqueous mounting medium for preserving fluorescence of tissue and cell smears in immunofluorescence and confocal microscopy

Product Description

Product name cat.number	λ_{exc} / λ_{em} max. (nm)	Comments
Fluoro-Gel FP-AL2561, 20 ml FP-AL2562, 100 ml FP-AL2563, 250 ml FP-AL2564, 1 L		
Fluoro-Gel with DAPI FP-DT094A, 20 ml FP-DT094B, 100 ml	360 / 460	This mounting medium is fortified with DAPI which is a counter-stain for DNA. This product is to be used <i>in situ</i> hybridization techniques or other methods where fluorescence of DNA staining is required. RNA is also stained with DAPI.
Fluoro-Gel with PI FP-DT095A, 20 ml FP-DT095B, 100 ml	535 / 615	This mounting medium is fortified with Propidium Iodide (PI) which is a counter-stain for DNA. This product is to be used in <i>in situ</i> hybridization techniques or other methods where fluorescence of DNA staining is required. RNA is also stained with PI.

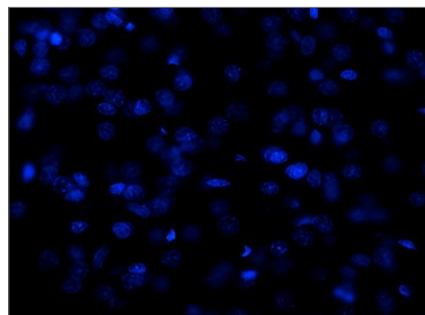
Storage: +4°C

Do not freeze Protect from light and moisture

Introduction

Fluoro-Gel is an aqueous mounting medium for preserving fluorescence of tissue and cell smears. This unique formula prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, AF 488, AF 594, Green fluorescent protein (GFP), tetramethyl rhodamine, Redox, Phycoerythrin (RP-E), Phyocyanin (PC), and Allophycocyanin (APC). Fluorescence is retained during prolonged storage at 4°C in the dark. This medium does not contain phenylenediamine, which destroys immunofluorescence of Cy dyes, RP-E, PC and APC.

Rat prefrontal cortex stained mounted in Fluoro-Gel with DAPI
Picture courtesy from F. Naneix, D. Tran-Tu-Yen and E.
Coutureau, CNIC Univ. Bordeaux I



Directions for use

Protocol

- Bring the vial to room temperature.
- 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. Turn the vial upside down and open the dropper to remove any air bubbles.
- Apply 3-4 drops of mounting medium directly on top of the specimen and spread out evenly by tilting back and forth or spread evenly with a 0.2 ml plastic pipette tip making sure the tissue is not touched. Excess medium can be removed by touching the edges of the slide on a paper towel.
- Let stand at room temperature for about 5 minutes.
- Apply cover slip, carefully avoiding air bubbles.
- The specimen is ready for visualization under a microscope.
- One can seal the edges of the cover slip with nail polish, any organic mounting medium or Unique mounting medium. If a coverslip is not used, air bubbles will appear in few days.
- For long term storage it is recommended that the slide be stored in the dark at 2-8°C.

Removal of Coverslip: *Coverslip can be removed before sealing the edges. Soak slide in warm (37°C) water for a few minutes. Carefully and slowly move the coverslip. Soak in water for an additional few minutes to remove coverslip. Rinse slide several times with warm water to remove all mounting medium. The slide can be remounted again.*

Limitation and warranty: Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

MSDS: This product contains 0.05 % sodium azide as a preservative, appropriate care should be taken in handling. National Institute of Occupational Safety and Health has warning that sodium azide can react with lead, copper, brass or solder in the plumbing system and forms hydrazoic acid in acidic condition. Discard with copious amount of water. Avoid skin and eye contact with all laboratory products. Use appropriate lab. gear, lab coat, gloves and safety glasses. Do not ingest any lab. products. This product is not approved for administration in human or animal

Technical and scientific information

Related products

- Limonene mounting medium, [DT096A](#)
- FluoProbes® 488 NHS-ester, [FP-BA6800](#)
- FluoProbes® 547H NHS-ester, FP-1H0880
- FluoProbes® 647H NHS-ester, FP-1H0930

Ordering information

[Catalog size quantities and prices may be found at www.interchim.com/](http://www.interchim.com/)

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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