

FT-AL2562

Fluoro-Gel Mounting medium

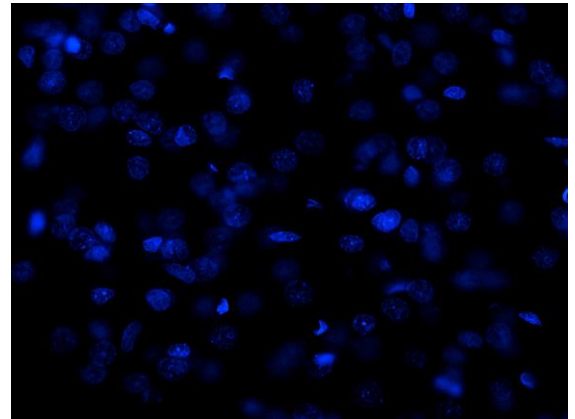
Permanent Aqueous Mounting Medium for Fluorescence

Description

Name: **FluoroGel Mounting medium**
 A direct substitute for BioMeda™ Gel Mount

Catalog #: FP-AL2561, 20ml FP-AL2562, 100ml
 FP-AL2563, 250ml FP-AL2564, 1L

Other [Fluoro-Gel media](#) available:
Fluoro-Gel Mount with DAPI counter stain
 FP-DT094A, 20ml FP-DT094B, 100ml
Fluoro-Gel Mount with PI counter stain
 FP-DT095A, 20ml FP-DT095B, 100ml
Fluoro-Gel Mount (in TES Buffer)
 FP-AL256A
Fluoro-Gel Mount (in PIPE Buffer)
 FP-AL256C



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

Form: ready-to-use liquid solution

Storage: This product can be stored at room temp, however 2-8°C is recommended for long term storage.
 Protect from light and moisture
 DO NOT FREEZE (L)

Introduction

FluoroGel is an **aqueous mounting medium** designed for the permanent mounting of fluorescent stained tissues and cell smears, which may either be damaged or soluble in organic solvents, such as xylene or toluene, while **preserving fluorescence detection**.

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), PhycoCyanin (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.

It is specially **formulated without glycerol** to avoid the deleterious effects of this compound in some of the phyco-bili-protein based detection systems.

FluoroGel is a mounting medium of choice in most applications (fluorescence*)

*: it is not suitable for binary substrates generally used for immunohistochemistry (chromogenic).

FluoroGel #AL256 is formulated with Tris Buffer (original). It is also available also with TES and PIPES buffers (for more stable pH).

The FluoroGel is also available fortified with DAPI and with Propidium Iodide (PI) counterstains for DNA. These products are to be used in situ hybridization techniques or other methods where fluorescence of DNA staining is required (RNA is also stained by DAPI and PI).

Applications: Histology, Immunofluorescence,
 IHC (Frozen sections), IHC (Formalin-fixed paraffin-embedded sections), confocal microscopy.

[Use for slides preparation](#) | [Removal of coverslip](#) | [Limitations & MSDS](#) | [Related products](#)

Contact your local distributor

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Additional Information

Protocol 1⁰ : Slide preparation

1. Bring the vial to room temperature.
Before using this product turn the bottle dropper tip to the open position. Close the dropper tip tightly when finished mounting to avoid evaporation and solidifying of mounting medium.
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 3-4 drops of mounting medium directly on top of the specimen and spread out evenly by tilting slide 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 slide against paper towel.
5. Let stand at room temperature for about 5 minutes.
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 suitable organic mounting medium.
If a coverslip is not used air bubbles will appear in few days.
9. 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.

Legals and Safety:

For in vitro R&D use only.

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

Related / associated products and documents

- Super Fast Red substrate (WU1930)
- Hoechst 33342 solution 20 mM (FP-[BB1340](#), Hoechst 33258 solution 20 mM (FP-[BB1330](#))
- DAPI solution -enhanced stability- (FP-[JQ7470](#)) • Hematoxylin stain (FP-[WU1440](#))
- Fluoro-Mount Gel mounting medium (FP-[483331](#))
- Fluoroshield / FluoroGel (FP-[AL2562](#)), with DAPI (FP-[DT094A](#)), with PI (FP-[DT095A](#)), with DAPI & DABCO (FP-[WYM680](#)) (designed for the permanent mounting of hydrated tissues, which may be damaged with organic solvents)
- Organo mounting medium Limonene-Mount (FP-[DT096A](#)) (designed for DAB staining, AP chromogens SuperFast Red)
- Aqueous mounting medium: ImmunoHistoMounting medium Clear-Mount (FP-[BT0781](#))
- In-situ-Mount medium (FP-[DT0975](#)) (for AP stained tissue sections)
- Goat anti-Mouse IgG, FluoProbes® 547H ([FP-SB4000](#)) • Goat anti-Rabbit IgG, FluoProbes® 647H ([FP-SC4000](#))

Ordering information

Catalog size quantities and prices may be found at www.fluoprobes.com

Contact your local distributor

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

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