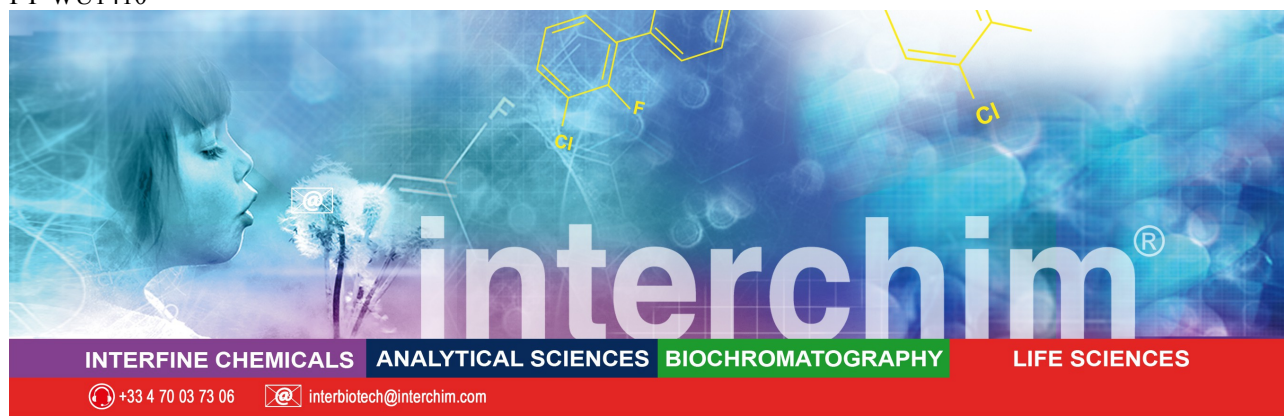


FT-WU1410



Glycero-based Mounting media

Description

Name: Glycero-based Mounting medium

Aqueous Mounting Medium for Microscopy

Catalog #: WU1410, 100ml WU1411, 1L

Formulations with antifading agents:

Glycero with DABCO Mounting Medium

WU1420, 30ml WU1421, 100ml

Glycero with DAPI & DABCO Mounting M.

WU1470, 30ml WU1471, 100ml

Glycero with PPD Mounting Medium

WU1480, 30ml WU1481, 100ml

Glycero with PropylGallate Mounting Medium

WU1430, 30ml WU1431, 100ml

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

Glycerol is an aqueous mounting medium for tissue and cell smears in microscopy.

Form: ready-to-use liquid solutions

Refractive Index: 1.47

Applications / intended use: Immunofluorescence, Confocal microscopy.

Glycerol ready-to-use mounting medium is available with different antifading agents, for preserving fluorescence:

• **DABCO™**(1, 4-Diazobicyclo-(2,2,2-octane):

this formula #WU1420 prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa fluoro 488, Alexa fluoro 594, Green fluorescent protein (GFP), tetramethyl rhodamine, Redox. Fluorescence is retained during prolonged storage at 4°C in the dark

Not recommended for phycoerythrin (PE), phycoerythrin (PC) and allophycocyanin (APC)

• **DAPI and DABCO :**

this formula #WU1470 prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa fluoro 488, Alexa fluoro 594, Green fluorescent protein (GFP), tetramethyl rhodamine, Redox. Fluorescence is retained during prolonged storage at 4°C in the dark.

This mounting medium is fortified with DAPI which is a counter-stain for DNA. This product is to be used in situ hybridization techniques or other methods where fluorescence of DNA staining is required. DAPI excites at 360nm and emits at 460nm, producing a blue fluorescence. RNA is also stained with DAPI.

Glycerol with antifading agent 1, 4-Diazobicyclo-(2,2,2-octane (DABCO™) is an aqueous mounting medium for preserving fluorescence of tissue and cell smears. This unique formula prevents rapid photobleaching of fluorochromes. The fluorescence is retained during prolonged storage at 4°C in the dark.

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●PPD (1, 4-phenylenediamine):

this formula #WU1480 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), phycocyanin (PC), and allophycocyanin (APC).

This mounting medium has a dark coffee color. ***This color does not interfere with Immunofluorescence.***

The composition is based on the same components as the Vectashield (*J Histochem Cytochem*, 1993 vol. 41 no. 12 1833-1840).

●Propyl Gallate: #WU1430

Directions for Use

Protocol ¹: Slide preparation

Procedure for Glycerol Mounting media without or with DABCO, DAPI:

Dehydration of Specimen is not required.

1. Bring the vial to room temperature.
2. Turn the vial upside down and open the dropper to remove any air bubbles.
3. Apply 1-3 drops of mounting medium directly; cover slip carefully avoiding air bubbles.
4. The specimen is ready for visualization under a microscope.
5. One can seal the edges of cover slip with nail polish, any organic medium or our Organo mounting medium (cat. #DT096B).
6. 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 on the edges to seal. Incubate at 37C for 20-30 minutes to dry the organic mounting medium.
7. For storage it is recommended that the slide be stored in the dark at 2-8°C.

Protocol ¹: Slide preparation

Procedure for Glycerol Mounting media with PPD (WU1430):

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.

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.

Safety

For in vitro R&D use only

MSDS: This product contains 0.09 % 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 laboratory gear, lab coat, gloves and safety glasses. Do not ingest any laboratory products. This product is not approved for administration in human or animals.



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Related products

Clear-Mount medium #[BT0785](#) (designed for the permanent mounting of hydrated tissues, which may be damaged with organic solvents) - a direct substitute for BioMeda™ Crystal Mount

Limonene-Mount #[DT096B](#) (limonene based mounting medium designed for DAB staining, AP chromogens SuperFast Red) - a direct substitute for BioMeda™ Clarion Mount

In-situ-Mount medium #[DT0975](#) (for AP stained tissue sections) – Substitute for Biomedica Situ Mount.

Glycerol-based Mounting Medium #[WU1410](#) (without or with DABCO, DAPI, ProPylGallate,...).

Please contact InterBioTech – Interchim for any other information

Rev.P03E-I08E-I06E

