

PRODUCT DATASHEET

GLYCEROL MOUNTING Medium with DAPI and DABCO™**Catalog number: AR-6510-01**

AR-6510-02

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Volume Volume

Component

GLYCEROL MOUNTING Medium with DAPI and DABCO™ 20 mL 100 mL

Amber bottle Amber bottle

Glycerol mounting mediums are provided in Amber bottles due to viscosity. We recommend customers to use a disposable pipette to remove mounting medium.

Description: Glycerol with DAPI and DABCO 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, 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 counterstain 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 40C in the dark.

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

Intended Use: Immunofluorescence, confocal microscopy.**Reagent: Ready to use mounting medium with anti-fading agent**

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Storage: Store 2-8 C is recommended, protect from light,**Refractive Index: 1.4 - 1.49**

The measured Refractive Index (RI) of the mounting media in liquid form was confirmed to be between 1.4-1.49. Refractive indexes change when the water solvent evaporates, and mounting media dries on slides. We do not have the means to measure the refractive indexes of dry mounting mediums; however, we expect the numbers to go higher when dried. RI of water is

1.333, RI of glass is 1.5

Procedure: Dehydration of Specimen is not required.

- 1. Bring the vial to room temperature.
- 2. Using a disposable dropper/ pipette
- 3. Apply 1-2 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. #

AR-6504).

- 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 to seal the edges.

- 7. For storage it is recommended that the slide be stored in the dark at 2-8°C.

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.

Safety: 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 humans or animals.

Country of origin: USA

Glycerol with DABCO is a trademark of ImmunoBioScience corp.

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“In vitro laboratory products for research”

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