

PRODUCT DATASHEET

GLYCEROL MOUNTING Medium with DABCO™**Catalog number: AR-6509-01**

AR-6509-02

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Volume Volume

Component

GLYCEROL MOUNTING Medium with 30 mL 100 mL

DABCO™ 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: Description: 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

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 4oC in the dark

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

Intended Use: Immunofluorescence, confocal microscopy.**Reagent: Ready to use mounting medium with anti-fading agent****Storage: Store 2-8oC is recommended, protect from light,****Intended Use: Immunofluorescence, confocal microscopy.****Refractive Index: 1.40-1.49**

Measured Refractive Index (RI) of the mounting media in liquid form was confirmed to be between 1.40-1.49. 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.

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- 7. For 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) distilled or deionized water for several 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.

Safety: This product contains 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.

Country of origin: USA

For research use only; not for use in diagnostic procedures. FOR IN VITRO LABORATORY USE ONLY

“In vitro laboratory products for research”

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