

PRODUCT DATASHEET

ImmunoFluoro Mount™ with DAPI and DABCO (IFMDD) Mounting Medium

Catalog number: AR-6519-01

AR-6519-02

AR-6519-01 AR-6519-02

Volume Volume

Component

ImmunoFluoro Mount™ with DAPI and 20 mL

100 mL

DABCO (IFMDD) Mounting Medium Dropper bottle, flat cap, and extra
Amber bottle

Twist/Open cap for customers to replace.

Description: Immuno Fluoro mount with antifading agent 1, 4-Diazobicyclo-(2,2,2-octane (DABCO™) is an aqueous non- permanent, low viscosity mounting medium for immunofluorescence. 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 and Redox. The fluorescence is retained during storage at 4°C in the dark. This medium does not contain phenylenediamine, which destroys immunofluorescence of Cy dyes. 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. Not recommended for phycoerythrin (PE), phycocyanin (PC) and allophycocyanin

(APC)**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.

Intended Use: Immunofluorescence, confocal microscopy.**Reagent: Ready to use mounting medium for Immunofluorescence.****Storage: Stored at 2-8°C, DO NOT FREEZE.****Procedure**

- 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.

- 3. Turn the vial upside down and open the dropper to remove any air bubbles.

Apply 2-3 drops of mounting medium and apply coverslip carefully without getting 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). It is not required

- 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 Kimwipe on the top of coverslip, press gently to remove excess mounting medium. The slide can be dried at 37°C overnight in the dark OR the edges can be sealed as follows:

With 200 micropipettes add organic mounting medium to seal the edges. Incubate at 37°C for one hour in the

dark to dry organic mounting medium.

- 7. Store slide at 4°C in the dark.

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 lab. gear, lab coat, gloves and safety glasses. Do not ingest any lab.

products. This product is not approved for administration in human or animals.

Country of Origin: USA

ImmunoFluoro Mount is a trademark of ImmunoBioScience corp.

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“In vitro laboratory products for research”

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