

PRODUCT DATASHEET

Immuno Histo Mount (IHM)™, A Permanent Aqueous Mounting Medium

Catalog number: AR-6503-01

AR-6503-02

AR-6503-03

AR-6503-05

Description: Immunohistomounting medium (IHM) is a permanent aqueous mounting medium designed for permanent mounting of tissue sections and cell smears with peroxidase and alkaline phosphatase chromogens that can not be dehydrated with organic solvents. This mounting medium preserves Fast red, Aminoethylcarbazole (AEC), BCIP/NBT,

BCIP/INT chromogens and is also compatible with counterstain like Hematoxylin and Nuclear fast red (NFR). It is also suitable for chromogens like DAB and DAB with nickel and cobalt. It is not compatible with H & E combine staining.

Refractive Index: 1.34 - 1.40

Measured Refractive Index (RI) of the mounting media in liquid form was confirmed to be between 1.34-1.40. 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.

NOT RECOMMENDED FOR FROZEN BRAIN OR OTHER FROZEN TISSUES WITH LOTS OF FAT

Intended Use: Immunohistochemistry (IHC) and Immunocytochemistry

Note: Mounting of immunohisto slides that cannot be dehydrated with organic solvents.

Reagent: Ready to use mounting medium

Storage: This product is stored at room temp, however for long term storage 2-8oC is recommended.

The pH of this product is more stable at 2-8oC. DO NOT FREEZE.

	AR-6503-01	AR-6503-02	AR-6503-03	AR-6503-05
Component	Volume	Volume	Volume	Volume
Immuno Histo Mount (IHM)™, A Permanent Aqueous Mounting Medium	30 mL Dropper bottle, tip, and purple cap	100 mL Amber bottle	250 mL Amber bottle	1000 mL Amber bottle

Procedure

- 1. Bring the vial to room temperature. DO NOT USE NON-POLAR SOLVENT BEFORE APPLYING THIS

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.

- 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 the 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 a paper towel.

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- 5. Let stand at room temperature for about 1 to 2 hours. Or the slides can be heated at 50 C for 40-60 minutes. The

slides are ready for visualization under a microscope.

- 6. To visualize slide under microscope with 4X, 10X, 20X or 40X lens, coverslip is NOT required

At this step for any reason if mounting medium has to be removed, follow these instructions:

Soak the slide in warm (37°C) distilled or deionized water for 5-10 minutes until the mounting medium is dissolved. Rinse slide with warm water several times to remove all mounting medium; the slide can be remounted again if required.

FOR Oil Immersion lens, the slide can be visualized as follows:

A drop of oil can be placed directly on dried ImmunoHistoMount for visualization; the oil can be removed by

wiping with Kimwipes or lens paper. OR

Apply 1-2 drops of any organic mounting medium on top of dried ImmunoHistoMount; cover slide with coverslip; the slide is ready for visualization.

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. The National

Institute of Occupational Safety and Health has a 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.

Country of Origin: USA

Immunohistomounting medium is a trademark of ImmunoBioScience corp.

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

“In vitro laboratory products for research”

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.