

## AQ-MOUNT (MOUNTING SOLUTIONS)

### CATALOG ID

MS001-CD

### DESCRIPTION

100 mL RTU

### INTENDED USE

BioMarq AQ-Mount is intended for *In vitro* diagnostic use only.

### SUMMARY & EXPLANATION

BioMarq AQ-Mount is used to coverslip slides of tissue sections and cell smears with peroxidase and alkaline phosphatase chromogens, Fast-Red, AEC & others that cannot be dehydrated with organic solvents. AQ-Mount hardens and polymerizes to protect aqueous-based chromogens from fading when they are permanently mounted.

### PRINCIPLE OF THE PROCEDURE

BioMarq AQ-Mount is a crystal clear Aqueous mounting medium providing superior optical clarity and preserving most biological stains with little or no fading when slides are stored in light tight containers. AQ –Mount is compatible for use with peroxidase and alkaline phosphatase chromogens, Fast-Red, BCIP/NBT, BCIP/INT, AEC, DAB and Nuclear fast red counterstain. AQ-Mount is **NOT SUITABLE** for use with H&E, Methylene blue or Methyl green counterstains. AQ-Mount is not advised on frozen tissue sections with high lipid content such as brain, or tissue sections undergoing necrosis.

### RECOMMENDED PROTOCOL

1. Rinse slide to be mounted with deionized water, touch the edges of slide on a paper towel to remove excess water. Place slides on a flat surface.

2. Squeeze 2-3 drops of AQ-Mount onto the stained preparation. Coverslip and allow mounting solution to disperse over the entire section. Recap bottle when not in use.

3. Sections may be viewed immediately, but generally 10-15 minutes is required for the coverslip to become immobilized.

4. Allow slides to stand for 1-2 hours at RT. Alternatively slide can be heated for 40-60 minutes at 37-40°C.

**NOTE:** To remove coverslip soak the slide for 5-10 minutes in warm water (37°C) until medium is dissolved. Rinse slides in warm water and remount if required.

### STORAGE AND HANDLING

Store at Room Temperature (RT). For long term storage recommend 2-8°C but warm to RT before use. Do not Freeze.

### QUALITY CONTROL

For Quality Control purpose, each lot of this AQ-Mount is tested by Immunohistochemistry using BioMarq's Primary Antibodies, Reagents and Detection Kit.

### TECHNICAL NOTE

1. To avoid bubbles, do not shake bottle. If any bubbles are observed in the bottle tip, dispense and discard few drops before use.

2. If air bubbles or any drying artifacts observed during prolonged storage of slides, coverslips can be removed and the sections remounted.

If atypical results occur, contact BioMarq Technical Support at 040-29702960.

### PRECAUTIONS

For safety data sheet please log on to [www.biomarq.net](http://www.biomarq.net).