

Antifade Mounting Medium with DAPI

Catalog #	Source	Reactivity	Applications
CRG1030		N/A	IF
Description	Antifade Mounting Medium with DAPI is an aqueous anti-fade mounting medium designed to preserve fluorescence when imaging tissues and cell samples. It is fortified with DAPI as a counter-stain for DNA (DAPI also stains RNA).		
Form	Liquid		
Specificity	The formulation prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa fluoro 488, Alexa fluoro 594, Green fluorescent protein (GFP), tetramethyl rhodamine, RPhycoerythrin (R-PE), Phycoyanin (PC), and Allophycocyanin (APC). Fluorescence is retained during prolonged storage at 4°C in the dark. This medium does not contain phenylenediamine, which destroys immunofluorescence of Cy dyes, R-PE, PC and APC.		
Directions for Use	<ol style="list-style-type: none">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. Apply 3-4 drops of mounting medium directly on top of the specimen and spread out evenly by tilting 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 paper towel.4. Let stand at room temperature for about 5 minutes.5. Apply cover slip carefully avoiding air bubbles.6. The specimen is ready for visualization under a microscope.		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year. Protect from light. Avoid freeze/thaw cycles.		

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