



VitroView™ Anti-Fade Permanent Aqueous Mounting Medium with DAPI

SKU: VB-8007d

Description

Fluorescence microscopy is a cornerstone of modern biological research, enabling detailed visualization of cellular and subcellular structures. However, maintaining fluorescence signal stability over time remains a critical challenge due to photobleaching and sample degradation. The VitroView™ Permanent Aqueous Mounting Medium with **DAPI** is an advanced, ready-to-use mounting solution designed to preserve fluorescence integrity while providing optimal specimen clarity and long-term stability.

This aqueous-based mounting medium is formulated with strong anti-fade agents to protect fluorescent labels from rapid photobleaching, ensuring consistent and durable signal retention for repeated imaging and archival purposes. Additionally, it contains DAPI (4',6-diamidino-2-phenylindole), a widely used nuclear counterstain that binds to DNA, allowing for easy identification of cell nuclei in blue fluorescence.

Compatible with a broad range of fluorescent probes and antibodies, VitroView™ Permanent Aqueous Mounting Medium offers excellent refractive index matching, minimal background autofluorescence, and superior specimen protection. It is ideal for applications such as immunofluorescence (IF), immunohistochemistry (IHC), and fluorescence in situ hybridization (FISH), providing researchers with reliable, high-contrast imaging results.

With its **permanent sealing properties**, this mounting medium ensures long-term sample preservation, making it an indispensable tool for laboratories requiring consistent, high-quality fluorescence microscopy data.

This reagent is compatible with AEC, DAB, Fast Red, Oil Red, BCIP/NBT, BCIP/INT and fluorescent dyes and phycobiliproteins.

Package Size

15ml/ squeeze bottle

Storage:

The product is stable for about 12 months at 4 °C.

Usage Instruction:

- Place slides flat on a paper towel on the countertop with the specimen facing up.
- Blot excess water from the slide without letting the tissue specimen dry prior to mounting.

- Apply 1-2 drops of Anti-Fade Permanent Aqueous Mounting Medium with DAPI to completely cover the specimen with a thin layer.
- Place a cover slip on the liquid and let it sit at room temperature for 45 minutes to 1 hour to dry.

Precautions :

- Avoid contact with skin and eyes.
- Harmful if swallowed.
- Follow all Federal, State, and local regulations regarding disposal.

Disclaimer:

This user manual serves as a general guideline. Users should adapt procedures based on specific experimental requirements and equipment specifications.