



VitroView™ Anti-Fade Aqueous Mounting Medium with DAPI

SKU#: VB-8006d

Description

Fluorescence microscopy is a powerful tool in biomedical research, enabling high-resolution visualization of cellular and molecular structures. However, a common challenge in fluorescence imaging is photobleaching, which leads to the rapid fading of fluorophores under prolonged light exposure. To address this issue, VitroView™ Anti-Fade Aqueous Mounting Medium with DAPI provides an advanced solution designed to preserve fluorescence signal integrity while simplifying sample preparation.

This ready-to-use, aqueous mounting medium incorporates anti-fade agents to minimize photobleaching, ensuring long-lasting fluorescence for repeated imaging sessions. Additionally, it contains DAPI (4',6-diamidino-2-phenylindole), a nuclear counterstain that binds to DNA, allowing for clear visualization of cell nuclei in blue fluorescence. Compatible with a wide range of fluorescent dyes and antibodies, VitroView™ offers excellent specimen protection, minimal background interference, and optimal refractive index for high-resolution microscopy.

Whether used in immunofluorescence (IF) or fluorescence in situ hybridization (FISH), VitroView™ ensures reliable, sharp, and durable fluorescence signals, making it an essential reagent for researchers seeking accurate and reproducible imaging results.

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 2-8 °C.

Usage Instructions:

- 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 2-3 drops of Aqueous Mounting Medium with DAPI to completely cover the specimen with a thin layer.
- Seal coverslip edges with nail polish for long-term storage.

Precautions:

- Avoid exposure of VitroView™ Anti-Fade Aqueous Mounting Medium with Dapi to moisture or light, as this may affect its performance.
- Use appropriate personal protective equipment (PPE) when handling chemicals and biological specimens.
- Dispose of unused VitroView™ Anti-Fade Aqueous Mounting Medium with DAPI according to local regulations and guidelines.

Disclaimer:

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