



VitroView™ Anti-Fade Aqueous Mounting Medium with Coverslip Sealant Kit

SKU: VB-8006cs

Introduction:

VitroView™ Anti-Fade Aqueous Mounting Medium with Coverslip Sealant Kit is specially formulated for mounting and preserving fluorescently labeled tissue sections and cell preparations. Its anti-fade formulation helps minimize photobleaching and preserve fluorescence intensity during microscopic imaging and long-term storage.

The mounting medium is also suitable for selected chromogenic and histochemical staining applications where specimens should be mounted without dehydration and clearing with organic solvents. It provides excellent optical clarity and helps maintain the integrity and appearance of stained specimens.

The kit includes VitroView™ Coverslip Sealant, a ready-to-use sealant specifically designed for use with aqueous mounting media. The sealant forms a protective barrier around the coverslip, helping to secure it in place while minimizing evaporation, leakage, and drying of the mounting medium.

Advantages:

- **Anti-fade protection:** Helps minimize photobleaching and preserve fluorescence during microscopic imaging and storage.
- **High refractive index:** Provides excellent optical clarity for high-resolution microscopic imaging.
- **Aqueous formulation:** Allows mounting without dehydration and clearing with organic solvents.
- **Reduced exposure to organic solvent fumes:** Provides a convenient alternative to solvent-based mounting procedures.
- **Long-term specimen preservation:** Helps maintain the quality and optical properties of mounted tissue sections and cell preparations.
- **Coverslip protection:** The included sealant helps secure the coverslip and reduce evaporation, leakage, and drying of the mounting medium.

Application:

VitroView™ Anti-Fade Aqueous Mounting Medium with Coverslip Sealant Kit is suitable for a variety of immunofluorescence, fluorescence microscopy, histochemistry, and cytology applications.

Compatible staining methods and reagents include: fluorescent dyes and fluorophores, phycobiliproteins, AEC, DAB, Fast Red, Oil Red O, BCIP/NBT, BCIP/INT.

The product is particularly recommended for applications in which preservation of fluorescence intensity and specimen morphology is important.

Kit Contents:

VB-8006	Anti-Fade Aqueous Mounting Medium	15 ml
VB-8008	Coverslip Sealant	15 ml

Storage:

Store Anti-Fade Aqueous Mounting Medium at 2-8°C and Coverslip Sealant at room temperature

Usage Instructions:

1. Place slides flat on a paper towel on the countertop with the specimen facing up.
2. Blot excess water from the slide without letting the tissue specimen dry prior to mounting.
3. Apply 1–3 drops of Anti-Fade Aqueous Mounting Medium to form a thin layer that fully covers the specimen.
4. Seal coverslip edges with coverslip sealant for long-term storage.

Precautions:

- Avoid exposure of kit components 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 kit components 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.