



VitroView™ Aqueous Mounting Medium with Coverslip Sealant Kit

SKU: VB-8004cs

Introduction:

VitroView™ Aqueous Mounting Medium with Coverslip Sealant Kit is designed for the preservation and long-term storage of tissue sections and cell preparations stained with chromogens or fluorescent reagents that are not compatible with dehydration and clearing using organic solvents.

The kit combines a ready-to-use aqueous mounting medium with VitroView™ Coverslip Sealant, a specialized sealant formulated for securing microscope coverslips over aqueous mounting media. The sealant forms a protective barrier around the coverslip to help minimize evaporation, leakage, and drying of the mounting medium while keeping the coverslip securely in place.

This kit is particularly suitable for immunofluorescence (IF), fluorescence microscopy, Oil Red O staining, and other histological and cytological applications in which an aqueous mounting medium must remain beneath the coverslip.

Advantages:

1. Aqueous formulation: Ideal for specimens that cannot undergo dehydration and clearing with organic solvents.
2. High refractive index: Provides excellent optical clarity and supports high-resolution microscopic imaging.
3. No organic solvent fumes: Helps reduce exposure to fumes associated with conventional solvent-based mounting procedures.
4. Coverslip protection: The sealant helps secure the coverslip and minimize evaporation, leakage, and drying of the aqueous mounting medium.
5. Long-term slide preservation: Helps maintain mounted specimens for storage and subsequent microscopic evaluation.
6. Broad application range: Compatible with chromogenic, histochemical, and fluorescent staining methods.

Application:

VitroView™ Aqueous Mounting Medium with Coverslip Sealant Kit is suitable for mounting specimens stained with: AEC, DAB, BCIP/NBT, BCIP/INT, Oil Red O, fluorescent dyes, Phycobiliproteins and other aqueous-compatible chromogenic and fluorescent staining methods.

The kit is recommended for immunohistochemistry (IHC), immunofluorescence (IF), fluorescence microscopy, histochemistry, and cytology where an aqueous mounting medium is required.

Kit Contents:

Web: www.vitrovivo.com
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VB-8004	Aqueous Mounting Medium	15 ml
VB-8008	Coverslip Sealant	15 ml

Storage:

Product is stable for about 12 months at room temperature.

Usage Instructions:

- Place slides flat on a paper towel on a countertop with specimen facing up.
- Blot excess water from the slide without letting the tissue specimen dry prior to mounting.
- Cover the specimen with a thin layer of 1–3 drops of Aqueous Mounting Medium.
- 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.