



VitroView™ Eosin Solution

SKU: VB-3000L-2

Description

VitroView™ Eosin Solution is a premium, specially formulated counterstain designed to deliver vivid, high-contrast cytoplasmic visualization in routine histology and cytology applications. Primarily used as the counterstain in the foundational Hematoxylin and Eosin (H&E) staining technique, it provides a clear diagnostic contrast.

Key Features

- **Vivid Cellular Contrast:** Seamlessly highlights cell cytoplasm, collagen, and erythrocytes in striking, distinct shades of red and pink.
- **Streamlined Workflow:** Formulated to provide crisp staining with exceptionally low background interference.
- **Ready-to-Use Convenience:** Optimized to function smoothly without complex preparation steps, accelerating laboratory turnaround time.
- **Ambient Stability:** Designed for hassle-free storage at room temperature, eliminating the need for cold-chain refrigeration.

Applications

- **Routine H&E Staining:** Provides the essential secondary counterstain to Hematoxylin for broad tissue morphology evaluations.
- **Research & Histopathology:** Ideal for deep cell structure analysis across diverse paraffin-embedded or frozen biological tissue sections.

Kit Contents

VB-3000L-2 VitroView™ Eosin Solution - 500 ml

Storage

Room temperature.

Protocol

H&E Stain for paraffin sections:

1. Deparaffinize in xylene I for 6 minutes and II for 6 minutes.
2. Rehydrate
 - a. Ethanol 100% (2 minutes)
 - b. Ethanol 100% (2 minutes)
 - c. Ethanol 95% (2 minutes)
 - d. Ethanol 95% (2 minutes)
 - e. Ethanol 70% (2 minutes)
3. Rinse in DI water (2 minutes).
4. Place in Mayer's Hematoxylin Solution for 5 minutes.
5. Rinse in tap water for 5 min with 3 changes. Or Bluing reagent for 30–60 seconds.

6. Place in 95% Ethanol for 1 minute (DO NOT RINSE).
7. Place in Eosin for 1 min 30sec.
8. Dehydrate with 2 changes of 95% Ethanol and 2 changes of 100% Ethanol (2 minutes per change).
9. Clear with 3 changes of xylene (5 minutes per change)
10. Mount coverslip onto glass slide with PermOUNT or some other suitable organic mounting medium.

H&E Stain for frozen sections:

1. Frozen sections are fixed in acetone at -20 °C for 3 min or 80% Methanol at 4°C for 5 min
2. PBS 1× 10 min.
3. Rinse in DI water (2 minutes).
4. Follow steps 4-10 above.

Note: This product is intended for research purposes only. This product is not intended for therapeutic or diagnostic use in humans or animals.

Precautions: Handle with care. Avoid contact with eyes, skin, and clothing. Do not ingest. Wear gloves.