



VECTASHIELD HardSet Mounting Medium

AF-H-1400: VECTASHIELD HardSet Mounting Medium (*offers a permanent seal - No sealants are required*)

AF-H-1500: VECTASHIELD HardSet Mounting Medium with DAPI (*for Nuclear Counterstaining*)

Unit Size: 10 mL

Color and Form: Light yellow to clear solution.

Product Description

VECTASHIELD HardSet Mounting Medium is an anti-fade mountant for preserving fluorescence during microscopy. VECTASHIELD HardSet Mounting Medium prevents rapid photobleaching of fluorescein, rhodamine, and cyanine based dyes and is optimally formulated for use with CF dyes conjugates and Alexa Fluor Conjugated .

Unlike Vectashield, Antifade mounting media is compatible with Cy dyes and Alexa Fluor dyes such as Cy2 and Cy5. Please note VECTASHIELD HardSet Mounting Medium may not be compatible with all fluorescent proteins or dyes and test sections are recommended to ensure compatibility with uncommon fluorochromes.

- **ELIMINATES THE NEED OF SEAL COVERSIP EDGES**

VECTASHIELD HardSet Mounting Medium cures to form a hard, permanent seal with the coverslip, eliminating the need to seal coverslip edges with nail polish or other sealants.

- **FOR NUCLEAR COUNTERSTAINING**

VECTASHIELD HardSet Mounting Medium with DAPI allows blue fluorescent nuclear counterstaining without an additional staining step.

Instructions:

To mount tissue sections or cells on a slide, dispense approximately **10 - 20 uL** of solution depending on the size of the coverslip. Then coverslip and allow VECTASHIELD HardSet Mounting Medium to spread over the entire section.

Applying an excess of mounting medium is not recommended.
Excess mounting medium can be carefully aspirated or blotted away.

Slides can be viewed immediately after mounting, but the coverslip will not be secured in place, so care must be taken to avoid movement of the coverslip.

To cure the mounting medium to form a permanent hard seal, incubate slides overnight at room temperature on a flat surface protected from light.

Cured slides can be stored at 4°C protected from light for a year or longer.

Coverslips can be removed from cured slides by soaking **the slide in PBS** or similar buffers in a slide staining jar. Soak the slides for 2,5/3 hours and gently slide the coverslip off (do not pry the coverslip upwards) dipping the slide frequently in buffer to prevent friction between the coverslip and specimen.

Storage and Handling

Store at 4°C and protect from light. Store in an upright position and tightly cap after each use.

Stability: Product is stable for at least **6 months** from the date it is received when stored as recommended.