

LongView Antifade Mountant (HardSet)

Catalog Number: A073-1, A073-2, A073-3

Table 1. Package and Storage

Cat No.	Material	Unit Size	Storage	Stability
A073-1	LongView Antifade Mountant	2 mL	-20 °C Protect from light	The product is stable for at least 12 months when stored as directed.
A073-2	LongView Antifade Mountant	5×2 mL		
A073-3	LongView Antifade Mountant	10 mL		

Product Description

LongView Antifade Mountant is a hard-setting mountant applied directly to fluorescently labeled cell or tissue samples on microscope slides. It contains chemical components designed to improve the refractive index and protect fluorescent dyes from fading (photobleaching). These features enable sharper images and higher signal sensitivities during fluorescence microscopy. LongView Antifade Mountant is a curing mounting media with a refractive index (RI) of 1.46, which allows longer-term storage of mounted samples. LongView Antifade Mountant is offered in a ready-to-use 2 mL dropper bottle, or 10 mL bottle. Just apply a drop to the sample, add a coverslip, cure, and image.

Important Procedural Guidelines

- Allow the LongView Antifade Mountant to warm to room temperature. If the vial is refrigerated or frozen, thaw for 1 hour at room temperature.
- Avoid shaking the bottle to prevent air bubbles.
- For extended storage after mounting and sealing the slides, store the mounted slides in a dry, dark container at -20°C.

Prepare a slide using LongView Antifade Mountant

- Warm the vial of mountant to room temperature. If frozen, allow the vial to warm at room temperature for 1 hour before using to mount coverslips.
- Remove excess liquid from the sample by gently tapping the edge of the coverslip or slide on a laboratory wipe.

Note: Residual liquid will interfere with mounting and must be carefully removed for best results.

- Apply the mountant.
 - For coverslip-mounted specimens, apply 1 drop or ~40 µL of the mountant directly onto a clean microscope slide. Carefully lower a coverslip onto the mountant to avoid trapping any air bubbles.
 - For slide-mounted specimens, apply 1 drop or ~40 µL of the mountant directly to the specimen. Carefully lower a coverslip onto the mountant to avoid trapping any air bubbles.
- Cure the sample on a flat surface in the dark for 24 hours.
- Seal the edges of slide with nail polish or a plastic sealant.
- Image the slides using optimized microscope settings.
- Store the mounted slides in a dry, dark container at -20°C on a flat surface.