

Enhanced Antifade Mounting Medium

Introduction

The Enhanced Antifade Mounting Medium is formulated to minimize photobleaching in immunofluorescence applications. This product offers superior resistance to fluorescence quenching compared to conventional antifade mounting media.

Before use, the Antifade Mounting Reagent must be added to the Antifade Mounting Solvent and mixed thoroughly to prepare the complete working solution. Once prepared, the medium is ready for immediate use. At a typical volume of 50 μ L per sample, the 25 mL package is sufficient for approximately 500 tests.

Storage

Components	Size	25 mL	Storage
Antifade Mounting Reagent		1 vial	-20°C away from light
Antifade Mounting Solvent		25 mL	-20°C
Shipping: Blue ice		Shelf life: 1 year	

Protocol

1. Preparation of Enhanced Antifade Mounting Medium

- 1) Briefly warm the Antifade Mounting Solvent in a water bath at 30-40°C.
- 2) Add the entire contents of the Antifade Mounting Reagent to the solvent. Mix thoroughly until completely dissolved to obtain the Enhanced Antifade Mounting Medium.

2. For adherent cells

- 1) After staining, aspirate the liquid.
- 2) Place a drop of Enhanced Antifade Mounting Medium onto a glass slide, and carefully lower the cell-bearing coverslip onto the drop, ensuring contact between the cells and the mounting medium. Be careful to avoid bubbles as much as possible.
- 3) The sample is now ready for observation under a fluorescence microscope.

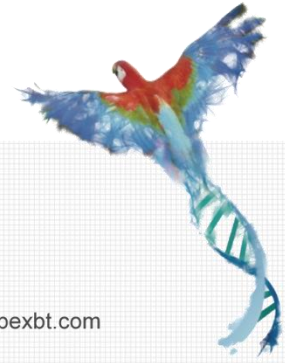
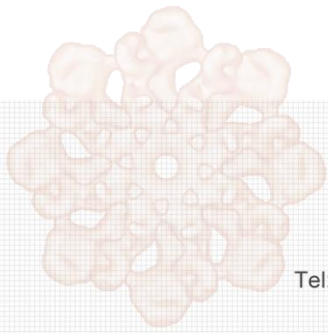
3. For tissue sections

- 1) After staining, aspirate the liquid.
- 2) Apply a drop of Enhanced Antifade Mounting Medium directly onto the tissue section, and gently place a coverslip on top. Ensure the section is in contact with the mounting medium. Be careful to avoid bubbles as much as possible.
- 3) The sample is now ready for observation under a fluorescence microscope.

***Note:** For other sample types, refer to the procedure for cells or tissue sections.

Note

1. Although this product reduces photobleaching, it is still recommended to store mounted samples protected from light.
2. For your safety and health, please wear lab coats and gloves during the experiment.
3. For research use only. Not to be used in clinical diagnostic or clinical trials.



APEx BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

