

FluoroQuest™ Mounting Medium with DAPI

Ordering Information	Storage Conditions
Product Number: 20004 (50 mL)	Store at 4 °C, protected from light Expiration date is 6 months from the date of receipt

Introduction

All our FluoroQuest™ reagents require minimal hands-on time. This mounting medium is ready to apply. It is a unique, stable formula for preserving fluorescence. It prevents rapid photobleaching of fluorescein, rhodamine, and other fluorescent reagents. Sections mounted in this mounting solution retain fluorescence during prolonged storage. This special formulation of FluoroQuest™ Mounting Medium contains 4',6-diamidino-2-phenylindole (DAPI) and is intended to be used to counterstain DNA. The Ex/Em wavelength for DAPI is 360/460 nm.

Sample Protocol

Note: Following is our recommended protocol that only provides a guideline. It should be modified according to your specific needs.

1. Warm up the mounting solution: Remove the mounting solution from refrigerator. Warm the bottle to room temperature, protected from light.
2. Apply the mounting solution: Remove any excess liquid from your specimen. Add a small drop of the mounting solution to the specimen. If the sample is on a slide or tissue culture dish, carefully place a coverslip on the drop, avoiding air bubbles. If the sample is on a coverslip, invert the coverslip on a clean glass slide. Remove any excess anti-fading component.
3. Prepare samples for imaging: The mounting solution should be incubated for 2 hours to overnight. For long-term storage, seal the coverslip to the slide with nail polish or a plastic sealant. Mounted slides should be stored at 4 °C in the dark for optimum sample longevity. The fluorescence imaging would remain stable for many weeks. Samples can be imaged immediately after mounting.

Disclaimer: This product is for research use only and is not intended for therapeutic or diagnostic application. Please contact our technical service representative for more information.