

AntiFade Mounting Medium (with DAPI)

1 Components

Component	HY-K1047-5 mL	HY-K1047-25 mL
AntiFade Mounting Medium (with DAPI)	5 mL	25 mL

2 Introduction

MCE AntiFade Mounting Medium (with DAPI) is a sealing reagent used to slow the fluorescence quenching. This reagent is suitable for immobilizing permeabilized cells or tissues, and can slow the fluorescence quenching of various common fluorescent dyes with simple operation and good anti-fluorescence quenching effect. This reagent contains DAPI, and can be used for DAPI staining of cell nuclei while sealing the sections.

The cured slide forms a permanent hard seal for the reagent, eliminating the need for nail polish or other sealants to seal the edges of the coverslip after curing.

3 Protocol

For adherent cell samples

- 1.1 Discard as much liquid as possible after staining.
- 1.2 Add 10-20 μ L AntiFade Mounting Medium (with DAPI) to the slide and carefully cover the coverslip containing cells. Be careful to avoid bubbles.
- 1.3 Detect the fluorescence by fluorescence microscope.
- 1.4 Store at 4°C or room temperature after detection, keep away from light.

For tissue section samples

- 2.1 Discard as much liquid as possible after staining.
- 2.2 Add 10-20 μ L AntiFade Mounting Medium (with DAPI) to the tissue and carefully cover the coverslip. Be careful to avoid bubbles.
- 2.3 Detect the fluorescence by fluorescence microscope.
- 2.4 Store at 4°C or room temperature after detection, keep away from light.

For other samples

Other samples are processed with reference to adherent cell samples or tissue section samples.

4 Storage

4°C, 2 years.

Protect from light.

5 Precautions

1. Detect the fluorescence as soon as possible to avoid fluorescence quenching.
2. While the reagent can slow the fluorescence quenching, please operate away from light.
3. The kit is suitable for immobilizing permeabilized cells or tissues, and may not be as effective in resisting quenching when used with live cell membrane dyes and mitochondrial dyes.
4. This product may not be suitable for some dyes, pre-testing is recommended.
5. This product is for R&D use only, not for drug, household, or other uses.
6. For your safety and health, please wear a lab coat and disposable gloves to operate.