

AntiFade Reagent (with DAPI)

1 Components

Component	HY-K1048-5 mL	HY-K1048-25 mL
AntiFade Reagent (with DAPI)	5 mL	25 mL

2 Introduction

MCE AntiFade Reagent (with DAPI) is used to slow the fluorescence quenching. The reagent can slow the fluorescence quenching of various common fluorescent dyes with simple operation and good anti-fluorescence quenching effect. This product contains DAPI for DAPI staining of cell nuclei. Nail polish or sealant can be used to seal the edges of the coverslip after observation.

3 Protocol

For adherent cell samples

- 1.1 Discard as much liquid as possible after staining.
- 1.2 Add 10-20 μ L Antifade Reagent (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 Place 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 Reagent (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 Place at 4°C or room temperature after detection, keeping 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 this reagent can slow the fluorescence quenching, please operate away from light.
3. Seal the edges of the coverslip with nail polish for long term storage.
4. This product 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.
5. This reagent may not be suitable for some dyes, pre-testing is recommended.
6. This product is for R&D use only, not for drug, household, or other uses.
7. For your safety and health, please wear a lab coat and disposable gloves to operate.