

Ver.250601

Mounting Medium, Antifading (with DAPI)

Cat. No: S2110

Specification: 5mL/25mL

Storage: -20°C, valid for one year

Product Description

Anti-fluorescence decay sealing agent is a kind of sealing reagent used to slow down fluorescence decay. It is based on glycerol and contains anti-fluorescence attenuation agents. It has a strong anti-fluorescence decay effect and is used for sealing fluorescent tissue and cell samples. After sealing, the samples can be stored at 4°C or -20°C away from light for 2-3 weeks. This reagent is easy to operate. When sealing, use a pipette to drop a drop of anti-fluorescence decay sealing liquid and cover the cover glass.

The anti-fluorescence decay sealing agent contains DAPI, which is 4',6-diamidino-2-phenylindole, a fluorescent dye that can strongly bind to DNA. It is often used for fluorescence microscopy observation because DAPI can penetrate the intact cell membrane. It can be used for staining of fixed cells. Cells with blue fluorescence can be seen under a microscope. After DAPI binds to double-stranded DNA, the maximum excitation wavelength is 360nm and the maximum emission wavelength is 460nm.

Instructions for use (for reference only)

Equilibrate to room temperature before use.

1. Adherent cell samples:

A. After dyeing, absorb all the liquid.

B. Add a drop of (20-50uL) of anti-fluorescence attenuation mounting solution on the slide, cover it with the cover slip with cells, and let the cells contact the mounting solution try to avoid bubbles.

C. The sample can then be observed using a fluorescence microscope.

2. Tissue section:

A. After dyeing, absorb all the liquid.

B. Add a drop (20-50uL) of anti-fluorescence attenuation mounting solution on the tissue slice, cover with a cover glass, and let the slice contact the mounting solution, try to avoid bubbles.

C. The sample can then be observed using a fluorescence microscope.

3. Other samples: Other samples are operated with reference to cell samples or tissue sections.

Things to note

1. Fluorescent substances are prone to attenuation, so the stained samples should be kept away from light.
2. Using anti-fading sealing fluid can slow down the attenuation, but it is still advisable to avoid light as much as possible and take pictures as soon as possible.
3. For your safety and health, please wear lab coat and disposable gloves when operating.
4. As the sealing liquid has good fluidity and does not have self-adhesive function, customers can choose it if they need to fix

For further details, contact us at

Origin Diagnostics and Research, XIII/712, Origin Building, Clappana, Karunagappally, Kollam - 690525

info@originlab.in | +917736957333 | www.originlab.in