V02

抗荧光衰减封片剂（PVP，含 DAPI）

货号：S2135
规格：25mL
保存：2-8℃，避光保存，有效期 1 年。

产品介绍：

抗荧光衰减封片剂是一种用于减缓荧光衰减的封片试剂，在常规水性封片剂的基础上加入抗荧光衰减成分，有强烈的抗荧光衰减作用，用于对荧光成像的组织和细胞样品的封片。封片后，样品 4℃或者-20℃避光可保存 2-3 周。本试剂操作简单，在封片时用移液枪滴一滴抗荧光衰减封片液，盖上盖玻片就可以了。

抗荧光衰减封片剂内含 DAPI 即 4',6-二脒基-2-苯基吲哚(4',6-diamidino-2-phenylindole)，是一种能够与 DNA 强力结合的荧光染料，常用与荧光显微镜观测。因为 DAPI 可以透过完整的细胞膜，它可以用于活细胞和固定细胞的核染色，显微镜下可以看到显蓝色荧光的细胞核。DAPI 和双链 DNA 结合后，最大激发波长为 360nm，最大发射波长为 460nm。

操作步骤：*(仅供参考)*

一、 贴壁爬片细胞样品：
1、 染色完毕后，吸尽液体。
2、 滴一滴封片剂于载玻片上，小心盖上细胞爬片，让细胞充分接触封片液，避免气泡产生。
3、 随后即可在显微镜下观察细胞样品。

二、 贴壁板内细胞样品：
1、 染色完毕后吸尽液体。
2、 滴数滴封片剂至孔板内，适当倾斜孔板使封片剂充分展平覆盖细胞，敞开静置 3-5min。
3、 随后即可在显微镜下观察细胞样品。

三、 组织切片
1、 染色完毕后，吸尽液体。
2、 滴一滴封片剂于组织切片上，盖上盖玻片，让切片充分接触封片液，避免气泡。
3、 随后即可在显微镜下观察组织切片。

四、 其它样品：
1、 参考细胞样品或组织切片进行操作。

注意事项：

1、 通常建议切片或爬片使用正置荧光显微镜观察，孔板培养细胞使用倒置荧光显微镜观察。
2、 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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Mounting Medium, Antifading(PVP, with DAPI)

Cat: S2135
Size: 25mL
Storage: 2-8℃,avoid light, valid for 1 year.

Introduction

Anti-fluorescence attenuation mounting medium is a kind of mounting medium that used to slow down fluorescence attenuation, adding anti-fluorescence attenuation components on the basis of conventional aqueous mounting medium. It has a strong anti-fluorescence attenuation effect and is used for mounting of fluorescence imaging tissue and cell samples. After mounting, samples can be stored at 4°C or -20°C protected from light for 2-3 weeks. This product is simple to operate, use a pipette gun to drop a drop of anti-fluorescence attenuation mounting medium and cover the coverslip.

Mounting Medium, Antifading(PVP, with DAPI) contains DAPI, a fluorescent dye that binds strongly to DNA and is commonly observed in fluorescence microscopy. Because DAPI can penetrate intact cell membranes, it can be used for nuclear staining of live and fixed cells, and blue fluorescent nucleus can be seen under the microscope. When DAPI and double-stranded DNA are combined, the maximum excitation wavelength is 360nm and the maximum emission wavelength is 460nm.

Protocols(*for reference only*)

For adherent cell smear

1. After dyeing, absorb all the liquid.
2. Drop a drop of Mounting Medium, Antifading(PVP, with DAPI) onto the glass slide, cover the cell slide, and allow the cells to fully contact the mounting medium to avoid the formation of bubbles.
3. Observe the cell under the microscope.

For adherent cell inside the well plate

1. After dyeing, absorb all the liquid.
2. Drop a few drops of Mounting Medium, Antifading(PVP, with DAPI) into the well plate, tilt the well plate appropriately to fully flatten and cover the cells, and leave it open for 3-5 minutes.
3. Observe the cell under the microscope.

For tissue section

1. After dyeing, absorb all the liquid.
2. Drop a drop of Mounting Medium, Antifading(PVP, with DAPI) onto the tissue section, cover it with a cover glass, and allow the section to fully contact the mounting medium to avoid bubbles.
3. Observe the section under the microscope.

For other samples

1. Refer to cell samples or tissue sections for operation.

Note

1. It is usually recommended to use an upright microscope for observation of sections or smears, and an inverted microscope for observation of cells cultured in well plates.
2. For your safety and health, please wear laboratory clothes and disposable gloves for operation.