

## 水性封片剂 (PVP)

货号: S2155

规格: 10mL/100mL

保存: 2-8°C保存, 有效期 1 年。

### 产品介绍:

PVP 封片液(Polyvinylpyrrolidone Mounting Medium)是一种采用 polyvinylpyrrolidone(PVP)为主要封片介质的无毒水性封片液, 可以用于常规的各种切片、涂片等的封片。本产品中的主要有效成分为 PVP 和甘油。

由于 PVP 干燥后会在样品表面产生一层保护膜, 水性封片剂 (PVP) 滴加展平后不使用盖玻片也可以晾干直接在显微镜下观察。本 PVP 封片液几乎是一种最易用的封片液, 相对不易产生气泡, 封片液的流动性比较好, 封片比较方便。封片后盖上盖玻片, 盖玻片会被很好地粘附在载玻片上。

### 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、滴一滴水性封片剂 (PVP) 于载玻片上, 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、滴数滴水性封片剂 (PVP) 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、滴一滴水性封片剂 (PVP) 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显微镜观察, 孔板培养细胞使用倒置显微镜观察。
- 2、为了您的安全和健康, 请穿实验服并戴一次性手套操作。

## Aqueous Mounting Medium(PVP)

**Cat :** S2155

**Size:** 10mL/100mL

**Storage:** 2-8°C, valid for 1 year.

### Introduction

Aqueous Mounting Medium(PVP) is a non-toxic aqueous mounting medium that uses polyvinylpyrrolidone (PVP) as the main mounting medium. It can be used for conventional mounting of various slices, smears, etc. The main active ingredients in this product are PVP and glycerol.

Due to the formation of a protective film on the surface of the sample after PVP drying, aqueous mounting medium (PVP) can be added dropwise and flattened without the use of a cover glass. It can also be dried and observed directly under a microscope. This Aqueous Mounting Medium(PVP) is almost the easiest to use, relatively less prone to bubbles, and has good flowability, making mounting more convenient. Cover the back cover with a glass slide, which will adhere well to the slide.

### Protocols(for reference only)

#### For adherent cell smear

1. After dyeing, absorb all the liquid.
2. Drop a drop of Aqueous Mounting Medium(PVP) 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 Aqueous Mounting Medium(PVP) 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 Aqueous Mounting Medium(PVP) 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.