

## 结晶紫水溶液(0.1%)

货号: G1064

规格: 100mL

保存: 室温, 避光保存, 有效期 6 个月。

### 产品介绍:

结晶紫(Crystal violet) 又称甲紫, 属于碱性染料, 可以和细胞核中的 DNA 结合, 产生细胞核染色, 从而将细胞核染成紫色。结晶紫在细胞学、组织学和细菌学等方面应用极广, 是一种优良的染色剂。

### 操作步骤: (仅供参考)

#### 1. 样品处理:

石蜡切片二甲苯中脱蜡 2 次每次 5-10min。系列乙醇 (100%、95%、85%、75%) 复水, 每梯度 3min。蒸馏水 2min。冰冻切片取出恢复至室温后蒸馏水浸洗 2min。

培养细胞用 4%多聚甲醛固定 10min 以上。蒸馏水清洗 2 次, 每次 2min。

#### 2. 结晶紫染色:

- ① 结晶紫染色液染色 (根据不同组织和样本自行控制染色时间)。
- ② 用蒸馏水或自来水充分洗涤, 进行观察和拍照。

### 染色结果:

组织或细胞	深紫色
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### 注意事项:

1. 结晶紫对人体有害, 请注意适当防护。
2. 第一次使用本试剂时建议先取 1-2 个样品做预实验。
3. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

### 相关产品:

G1072 结晶紫甲醇溶液 (2.5%)

G1071 结晶紫饱和甲醇溶液

G1070 草酸铵结晶紫染色液 (0.4%)

## Crystal violet Solution, 0.1%, Water Solvent

**Cat:** G1064

**Size:** 100mL

**Storage:** RT, avoid light, valid for 6 months.

### Introduction

Crystal violet is a basic dye, which can combine with DNA to stain nucleus deep purple. Crystal violet is mainly used for cytology, histology and bacteriology.

### Protocol(for reference only)

#### 1. Sample Treatment

For paraffin section , dewax in xylene twice for 5-10mins each. Rehydrate with series ethanol (100%,90%,80%,70%) for each level 3mins,and finally in distilled water 3min.For frozen section restore to RT and wash with distilled water for 2mins.

For cultured cell,fix with 4% PFA for more than 10mins.Then wash with distilled water twice for 2mins each.

#### 2. Crystal Violet Stain

For the above treated samples:

Stain with Crystal violet Solution, 0.1%, Water Solvent.

View and photograph after fully washing with distilled water or tap water.

### Result

Tissue or Cells	Deep Purple
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### Note

1. Crystal violet is harmful to human body, please pay attention to proper protection.
2. When using this reagent for the first time, it is recommended to take 1-2 samples for pretest.
3. For your safety and health, please wear experimental clothes and disposable gloves.

### Related Products

G1072 Crystal Violet Solution, 2.5%, Methanol Solvent

G1071 Crystal Violet Saturated Solution, Methanol Solvent

G1070 Crystal Violet Ammonium Oxalate Solution, 0.4%