

## 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 1 年。

### 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 结晶紫甲醇饱和溶液

G1070 结晶紫染色液 (0.4%)

## Crystal Violet Aqueous Solution, 0.1%

**Cat:** G1064

**Size:** 100mL

**Storage:** RT, avoid light, valid for 1 year.

### 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 for 3mins.

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

Stain with Crystal Violet Aqueous Solution, 0.1%(time can be adjusted according to dyeing results and requirements).

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 Methanolic Solution, 2.5%*

G1071 *Crystal Violet Saturated Methanolic Solution*

G1070 *Crystal Violet Ammonium Oxalate Solution, 0.4%*