

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:

对于上述处理好的样品:

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 |
|-------|-----|

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

For the above treated samples:

① Stain with Crystal Violet Aqueous Solution, 0.1%(time can be adjusted according to dyeing results and requirements).

② View and photograph after fully washing with distilled water or tap water.

Result

| | |
|-----------------|-------------|
| Tissue or Cells | Deep Purple |
|-----------------|-------------|

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%*

