

结晶紫 MES 溶液(0.1%,pH6.0)

货号: G1076

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, 分子式为 $C_{25}H_{30}N_3Cl \cdot 9H_2O$, 分子量为 407.98, CAS 号为 548-62-9。结晶紫属于碱性染料, 能溶于水、乙醇, 可以把组织和细胞核染成紫色。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。细胞核染色常用该染色液, 用来显示染色体的中心体, 并可染淀粉、纤维蛋白、神经胶质等, 但染色后不宜长久保存。结晶紫 MES 溶液(0.1%, pH6.0)主要由 0.1%结晶紫、0.2M MES buffer 组成, 多用于细胞染色。

操作步骤: (仅供参考)

1. 根据实验具体要求操作。

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。

Crystal Violet MES Solution, 0.1%, pH6.0

Cat: G1076

Size: 100mL

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

Introduction

Crystal violet, also known as methyl violet. the molecular formula is $C_{25}H_{30}N_3Cl \cdot 9H_2O$, the molecular weight is 407.98 and the CAS number is 548-62-9. Crystal violet is an alkaline dye, soluble in water and ethanol, and can dye the tissue and nucleus into purple. Crystal violet is widely used in cytology, histology and bacteriology. It is an excellent dye. The staining solution is often used to show the centrosome of chromosome, and can be stained with starch, fibrin, glia, etc., but it is not suitable for long-term preservation after staining. Crystal Violet MES Solution, 0.1%, pH6.0 is mainly composed of 0.1% crystal violet and 0.2m MES buffer, which is mostly used for cell staining.

Protocol(*for reference only*)

1. Operate according to the specific requirements of the experiment.

Note

1. It is suggested to take 1-2 samples for preliminary experiment to determine the dilution ratio and dyeing time of the dye solution before formal experiment.
2. Crystal Violet is slightly harmful to human body. Please pay attention to proper protection.
3. For your safety and health, please wear experimental clothes and disposable gloves