

结晶紫水溶液(0.1%)

产品简介:

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。该试剂仅用于科研领域,不适用于临床诊断或其他用途。

产品组成:

名称 \ 编号	编号	Storage
	DZ0055	
结晶紫水溶液(0.1%)	100ml	RT
使用说明书	1 份	

操作步骤(仅供参考):

1、样品处理

①对于石蜡切片:

二甲苯或 Leagene 脱蜡透明液中脱蜡 5 ~ 10min。

换用新鲜的二甲苯或 Leagene 脱蜡透明液,再脱蜡 5 ~ 10min。

无水乙醇 5min。

90%乙醇 2min。

70%乙醇 2min。

蒸馏水 2min。

②对于冰冻切片:

蒸馏水 2min。

③对于培养细胞:

用 4%多聚甲醛固定 10min 以上(或采用如下步骤: 每 $25cm^2$ 加入 PBS/甲醇溶液 5ml, 静置 2min,弃液; 加入新鲜甲醇 5ml,静置 10min,弃液)。

蒸馏水洗涤 2 分钟。

更换新鲜的蒸馏水,再洗涤 2min。

2、结晶紫染色

①结晶紫水溶液(0.1%)染色 10min(可以根据染色结果和要求调整时间)。

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。
- 4、试剂开封后请尽快使用,以防影响后续实验效果。

有效期: 12 个月有效。**相关产品:**

产品编号	产品名称
DC0032	Masson 三色染色液
DJ0001	普鲁士蓝染色液(核固红法)
DM0002	姬姆萨染色液(1:9)
DM0007	瑞氏-姬姆萨复合染色液
DZ0010	詹纳斯绿 B 染色液(0.2%)
PW0053	Western 抗体洗脱液(碱性)
TO1013	丙二醛(MDA)检测试剂盒(TBA 比色法)

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