

碱性品红醇溶液(5%)

货号: G0030

规格: 100ml

保存: 室温, 避光保存, 有效期 1 年。

产品介绍:

碱性品红(Fuchsin basic), 分子量为 337.85, 分子式为 $C_{20}H_{20}ClN_3$, CAS 号为 632-99-5。碱性品红乙醇溶液(5%)主要由碱性品红、乙醇等组成, 反复多次溶解而得, 可以与苯酚一起做抗酸染色(主要为结核杆菌), 较少单独使用。

操作步骤: (仅供参考)

1. 根据实验具体要求操作, 较少单独使用。
2. 单独使用时, 一般稀释到 0.25-0.5%。
3. 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。
4. 对于上述处理好的样品, 滴加稀释好的染色液染色。蒸馏水清洗。
注: 如果用于免疫组化等染色后的复染, 参考上述步骤在其它染色完成后进行碱性品红染色。
5. 95%乙醇脱水 2 次每次 2min。二甲苯透明 2 次每次 5min。用中性树胶或其它封片剂封片。

染色结果:

细胞核	粉红色或红色
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注意事项:

1. 如果需要脱水、透明和封片处理, 需自备二甲苯、中性树胶或其它封片剂。
2. 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:

G1160 卡宝品红染色液

G1165 改良卡宝品红染色液

G0031 碱性品红水溶液 (1%)

Basic Fuchsin Alcoholic Solution, 5%

Cat: G0030

Size: 100mL

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

Introduction

Basic fuchsin is a mixture of rosaniline, pararosaniline, new fuchsine and Magenta II. Basic fuchsin is widely used in biology to stain the nucleus. Basic fuchsin with phenol is often used to detect acid-fast bacilli.

Protocol(for reference only)

1. According to the specific requirements of the experiment, it is rarely used alone.
2. Prepare Basic Fuchsin Working Solution: Dilute the stock solution to 0.25-0.5%.
3. 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.
4. Add Basic Fuchsin Working Solution and incubate depending on signal intensity. Rinse in distilled water.
5. Dehydrate and mount with permanent mounting media.

Result

Nucleus	Pink Red or Red
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Note

1. If dehydration, transparency and sealing treatment are needed, xylene, neutral gum or other sealing agents should be prepared.
2. For your safety and health, please wear laboratory clothes and disposable gloves.

Related Products

G1160 Carbol-Fuchsin Solution

G1165 Modified Carbol-Fuchsin Solution

G0031 Basic Fuchsin Aqueous Solution, 1%