

碱性品红水溶液(1%)

货号: G0031

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。碱性品红是非常强的细胞核染料, 易使弹性组织、嗜品红颗粒染色, 亦可以用于神经细胞核和抗酸杆菌的染色, 常与其他染色剂合用对细胞核染色。

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. 碱性品红染色:

对于上述处理好的样品, 碱性品红水溶液(1%)染色。

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。

3. 脱水、透明、封片:

95%乙醇脱水 2min。更换新鲜的 95%乙醇再脱水 2min。二甲苯透明 5min。更换新鲜的二甲苯, 再透明 5min。用中性树胶或其它封片剂封片。

实验结果:

细胞核呈粉红色或红色。

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:

G0030 碱性品红乙醇溶液 (5%)

G1165 改良型石炭酸复红染液_苯酚品红染液

G1160 石炭酸复红染液_苯酚品红染液

Basic Fuchsin Solution, 1%, Water Solvent

Cat:G0031

Size:100mL

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

Introduction

The molecular weight of basic fuchsin is 337.85, the formula is $C_{20}H_{20}ClN_3$ and the CAS number is 632-99-5. Basic fuchsin is a very strong nuclear dye, which is easy to dye elastic tissues and fuchsin eosinophils. It can also be used in the dyeing of nerve nucleus and acid fast bacilli. It is often used with other dyes to dye nucleus.

Protocol(for reference only)

Sample treatment

For paraffin section , dewax in xylene twice for 5-10min each. Rehydrate with series ethanol (100%,90%,80%,70%) for each level 3min,and finally in distilled water 3min.For frozen section restore to RT and wash with distilled water for 2min.

For cultured cell,fix with 4% PFA for more than 10min.Then wash with distilled water twice for 2min each.

Basic Fuchsin stain

For the above treated samples, dye them with Basic Fuchsin Solution, 1%, Water Solvent.

Note: if it is used for re-dyeing after immunohistochemistry and other staining, refer to the above steps to conduct Basic Fuchsin staining after other staining.

Dehydrate, transparent, seal

Dehydrate in 95% ethanol for 2 min. Replace with fresh 95% ethanol and dehydrate for 2 min. Transparent by xylene for 5min. Replace with fresh xylene and transparent for 5min. Seal with resinene or other sealer.

Result

The nucleus is pink or red.

Note

1. If dehydration, transparency and sealing treatment are required, prepare xylene, neutral resinene or other sealing agent by yourself.
2. For your safety and health, please wear experimental clothes and disposable gloves.

Related Products

G1160 Carbol-Fuchsin Solution

G1165 Modified Carbol-Fuchsin Solution

G0030 Basic Fuchsin, 5% in ethanol