

亚甲基蓝染色液(0.5%)

货号: G1302

规格: 100mL

保存: 室温, 避光保存, 有效期 1 年。

产品介绍:

亚甲基蓝(Methylene blue)又称美蓝、次甲基蓝、次甲蓝等, 是一种芳香杂环化合物。含水亚甲基蓝的分子式为 $C_{16}H_{24}ClN_3O_3S$, 分子量为 373.9, CAS 号为 7220-79-3。亚甲基蓝染色液常用于丝绸、纸张、细菌、细胞等染色。因其容易氧化, 染色结果不宜长久保存。

操作步骤: (仅供参考)

1. 样品处理
 - ①对于石蜡切片:
常规脱蜡复水。
 - 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。
蒸馏水洗涤 2min。
换用新鲜的蒸馏水, 再洗涤 2min。
2. 美蓝染色
 - ①亚甲基蓝染色液(0.5%)染色。
 - 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	蓝色
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注意事项:

1. 第一次使用本试剂时建议先取 1-2 个样品做预实验。
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:

G1300 亚甲基蓝染色液 (0.1%)

G1301 亚甲基蓝染色液 (0.2%)

G1303 亚甲基蓝染色液 (1%)

Methylene Blue Solution , 0.5%

Cat: G1302

Size: 100mL

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

Introduction

Methylene blue is an aromatic heterocyclic compound. The molecular formula of aqueous methylene blue is $C_{16}H_{24}ClN_3O_3S$, the molecular weight is 373.9, and the CAS number is 7220-79-3. Methylene blue is often used for dyeing silk, paper, bacteria, cells and so on. Because it is easy to oxidize, the dyeing result is not suitable for long-term preservation.

Protocol(for reference only)

Sample Treatment

- 1) for paraffin section:
Conventionally dewax to water.
- 2) for frozen section:
Distilled water for 2mins.
- 3) for cultured cells:
 - ① Fix in 4% paraformaldehyde
 - ② Distilled water for 2mins.
 - ③ Replace with fresh distilled water and wash for another 2mins.

Methylene Blue Staining

- ① Stain with Methylene Blue Solution, 0.5%.
- ② Fully wash with distilled water or tap water, then observe and photograph.

Result

Tissues or Cells	Blue
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Note

1. When using this reagent for the first time, it is recommended to take 1-2 samples for pretest.
2. For your safety and health, please wear experimental clothes and disposable gloves.

Related Products

G1300 Methylene Blue Solution, 0.1%
G1301 Methylene Blue Solution, 0.2%
G1303 Methylene Blue Solution, 1%