

## 苏木素无水乙醇溶液(5%)

货号: G4441

规格: 100mL

保存: 室温, 避光保存, 有效期至少 2 年。

### 产品介绍:

苏木素(Hematoxylin)和伊红(Eosin)联合染色简称 HE 染色, 是病理学和组织学最常用的一种染色方法。苏木精为碱性天然染料, 可使细胞核着色。细胞核内染色质的主要成分是 DNA, 在 DNA 的双螺旋结构中, 两条核苷酸链上的磷酸基向外, 使 DNA 双螺旋的外侧带负电荷, 呈酸性, 很容易与带正电荷的苏木精碱性染料以离子键或氢键结合而被染色。

苏木素无水乙醇溶液(5%)属氧化苏木素的染色液, 主要由苏木素和乙醇组成, 并已充分氧化, 可与不同媒染剂搭配用于多种苏木素染色, 亦可与其他染液配套使用。

### 操作步骤: (仅供参考)

1. 根据实验具体需求操作, 通常需要与媒染剂搭配使用。

### 注意事项:

1. 本试剂为半成品试剂, 不可直接用于染色。
2. 切片脱蜡应尽量干净, 系列乙醇应经常更换新液。
3. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

## Alcoholic Hematoxylin Solutin, 5%

Cat: G4441

Size: 100mL

Storage: RT, avoid light, valid for 2 years.

### Introduction

Hematoxylin eosin staining is the most commonly used staining method in pathology and histology. Hematoxylin is an alkaline natural dye, which can stain the nucleus. The main component of chromatin in the nucleus is DNA. In the double helix structure of DNA, the phosphate groups on the two nucleotide chains are outward, which makes the outer side of the DNA double helix negatively charged and acidic. It is easy to be stained by ion bond or hydrogen bond with positively charged hematoxylin basic dye.

Alcoholic Hematoxylin Solutin, 5% belongs to the dyeing solution of oxidized hematoxylin. It is mainly composed of hematoxylin and ethanol, and has been fully oxidized. It can be used with different mordants for a variety of hematoxylin dyeing, and can also be used with other dyeing solutions.

### Protocol(for reference only)

1. According to the specific needs of the experiment operation, usually need to be used with mordant.

### Note

1. This reagent is a semi-finished product and cannot be used for dyeing directly.
2. The chip dewaxing should be as clean as possible. The series of alcohol should be replaced frequently.
3. For your safety and health, please wear lab clothes and disposable gloves.