氨溶液(0.1%)

货号： G1823

规格： 500mL

保存： 室温保存，有效期 1 年。

产品介绍：

氨溶液，亦称氨水、氢氧化铵水溶液，分子量为 35.05，分子式为 NH_4OH，CAS 号为 215-647-6。氨水是氨气的水溶液，无色透明且具有刺激性气味。HE 染色或其他组织染色后的返蓝很重要，苏木素在酸性条件下处于红色离子状态，呈红色；在碱性条件下处于蓝色离子状态，呈蓝色。组织切片经盐酸乙醇分化后呈红色或粉红色，故分化之后，立即用水除去组织切片上的酸而中止分化，再用弱碱性水使苏木素染上的细胞核呈现蓝色，该过程称为返蓝作用或蓝化作用。

氨溶液(0.1%)主要由氨水、去离子水组成，经常用于 HE 染色或其他组织染色后的返蓝，是一种非常重要的辅助试剂。

操作步骤：(*仅供参考*)

1. 根据实验具体要求操作，蓝化后应立即用水冲洗干净。
2. 一般蓝化 3-30s，应根据具体组织和切片厚度调整时间。

注意事项：

1. 密闭保存，一旦开启尽快用完，因为其有效成分易挥发。
2. 为了您的安全和健康，请穿实验服并戴一次性手套操作。

Ammonia Solution, 0.1%

Cat: G1823

Size: 500mL

Storage: RT, valid for 1 year.

Introduction

Ammonia Solution is also called Ammonia water. Its molecular weight is 35.05, the molecular formula is NH_4OH and the CAS number is 215-647-6. Ammonia water is an aqueous solution of ammonia gas, colorless, transparent and with pungent smell. It is very important to return blue after HE Staining or other tissue staining. Hematoxylin is in red ion state in acid condition, and in blue ion state in alkaline condition. After differentiation by acid ethanol differentiation solution, the tissue sections are red or pink. So after differentiation, immediately remove the acid ethanol differentiation solution on the tissue sections with water to stop the differentiation, and then use weak alkaline water to make the nucleus stained by hematoxylin appear blue. This process is called bluing.

Ammonia Solution, 0.1% is mainly composed of ammonia water and deionized water. It is often used for the bluing of HE Staining or other tissue dyeing. It is a very important auxiliary reagent.

Protocol (*for reference only*)

1. Operate according to the specific requirements of the experiment, and wash with water after bluing.
2. Bluing generally for 3-30s. The time should be adjusted according to the specific tissue and slice thickness.

Note

1. Store the solution in an airtight condition. Once open, use up as soon as possible, because its effective ingredients are volatile.
2. For your safety and health, please wear experimental clothes and disposable gloves.

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