V02

Mayer 苏木素染色液(免疫组化)

货号：G1080
规格：10mL/100mL/500mL
保存：室温保存，有效期至少1年。

产品介绍：

苏木精，又称苏木素，苏木色精（Hematoxylin）。作为一种碱性染料，同时作为 HE 染色的两种主染色试剂之一，通常用于细胞核染色。根据染色操作和适用样本的不同可大致分为两种。一种是苏木素含量较少，适合衬染，通常无需分化的进行性染色苏木素。另一种是苏木素含量较多，着色清晰持久但是需要分化的退行性染色苏木素。

本产品为进行性苏木素染色液，适合免疫组化中组织切片的复染，通常无需分化，染色后细胞核呈蓝色。本产品为工作液，可直接使用。染色液可重复使用多次，但染色效果会逐渐降低。

操作步骤：(*仅供参考*)

1. 免疫组化显色后，将组织切片浸入苏木素染色液，也可以直接滴加到样本上**染色** 5-10 分钟(深染)，或 0.5-2 分钟（浅染）。蒸馏水洗 1min 洗去多余染色液。
2. （可选）颜色过深可以在自配分化液（0.05%-0.5%盐酸溶液）中**分化**几秒钟，快速蒸馏水洗镜下观察染色结果。
3. 自来水洗 10min 或其他反蓝液反蓝 3-10min 充分反蓝。
4. 根据显色液的种类，用水性封片剂直接封片或梯度酒精脱水，二甲苯透明后用中性树胶封片。

染色结果：

细胞核	蓝色

注意事项：

1. 第一次使用本试剂盒时建议先取 1-2 个样品做预实验。
2. 染色、分化、返蓝时间都需要预实验优化至最佳，分化步骤可选。
3. 室温避光保存，2-8℃保存最佳，至少一年有效。
4. 染色过程推荐浅染，通常只需能够分辨细胞核即可，颜色过深有可能影响细胞质颜色。
5. 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：

G1100　伊红染色液（HE 染色）
G1120　苏木素伊红(HE)染色试剂盒
G1865　Scott 蓝化液
P1031　1×PBST 缓冲液，PH7.2-7.4，0.01M，液体
P1110　4%组织细胞固定液
S2100　抗荧光衰减封片剂
S2130　抗荧光衰减封片剂（PVP）
C1010　柠檬酸钠缓冲液 0.01mol/L， pH6.0

注：更多使用本产品的文献请参考索莱宝官网。

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Mayer's Hematoxylin Stain Solution, For IHC

Cat: G1080
Size:10mL/100mL/500mL
Storage: RT, valid for at least 1 year.

Introduction

Hematoxylin, as an alkaline dye and one of the two main staining reagents for HE staining, is usually used for nuclear staining. It can be roughly divided into two types according to different dyeing operations and applicable samples. One is the progressive dyeing hematoxylin with less hematoxylin content, which is suitable for lining dyeing and usually does not need differentiation. The other is the degenerative staining hematoxylin with high content of hematoxylin and clear and long-lasting staining but needs differentiation.

This product is a progressive hematoxylin staining solution, which is suitable for counterstaining of tissue sections in immunohistochemistry. Usually, it does not need differentiation, and the nuclei are blue after staining. This product is working fluid and can be used directly. The dyeing solution can be reused for many times, but the dyeing effect will gradually decrease.

Protocol(*for reference only*)

1. Incubate in Mayer's Hematoxylin Stain Solution (For IHC) for 30s-2min or 5-10min depending on desired signal intensity.Wash with distilled water for 1min to remove the excess staining solution.
2. (Optional) Differentiate with differentiation solution(0.05% -0.5% hydrochloric acid solution) for a few seconds, if the color is too deep.The staining results were observed under a washing microscope with rapid distilled water.
3. Wash with tap water for 10min or other bluing solution for 3-10min to fully blue.
4. According to the type of color rendering solution, seal the tablet directly with water sealing agent.Or dehydrate in gradient alcohol, transparent by xylene and seal with resinene.

Result

Nucleus	Blue

Note

1. When using this kit for the first time, it is recommended to take 1-2 samples for pre-test.
2. Staining, differentiation, and blue-turning time all require pre-experimental optimization to be optimal, and the differentiation steps are optional.
3. Preserved at room temperature and protected from light,and the best temperature is 2-8 ℃, which is at least one year.
4. Light staining is recommended in the process of staining. Generally, it is only necessary to be able to distinguish the nucleus. Too deep color may affect the color of the cytoplasm.
5. For your safety and health, please wear experimental clothes and disposable gloves.

Related Products

G1100 Eosin Y Stain Solution, For HE
G1120 Hematoxylin-Eosin(HE) Stain Kit
G1865 Scott's Bluing Solution
P1031 PBST,1× (pH7.2-7.4，0.01M)
P1110 Paraformaldehyde,4％
S2100 Mounting Medium, antifading
S2130 Mounting Medium, Antifading(PVP)
C1010 Sodium Citrate buffer(0.01mol/L, pH6.0, powder)