

## 天青石蓝 B 染色液

货号: G1770

规格: 50mL

保存: 2-8°C, 避光保存, 有效期 1 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。Van Gieson 染色时使用的酸可脱掉大部分苏木素的颜色, 以致细胞核几乎看不到, 在这种情况下使用铁苏木素或天青石蓝可抵抗酸的影响而达到满意效果。

天青石蓝 B 染色液主要由 0.5%天青石蓝 B 组成, 多与明矾苏木素联合使用, 其优势在于天青石蓝 B 能抗酸, 且高铁盐可加强明矾苏木素与细胞核的结合力, 使细胞核染色更深, 因此可以达到抗酸的目的, 使苏木素的颜色不易褪去。

### 操作步骤: (仅供参考)

1. 石蜡切片脱蜡, 梯度乙醇水化至水。
2. 天青石蓝 B 染色液滴染或浸染 3~5min。
3. 蒸馏水冲洗, 按要求继续进行下游实验。

### 注意事项:

1. 随着染色液放置时间的延长, 染色力会有所下降, 染色时间也需延长。
2. 染液的使用程度越强, 染色力下降越快, 染色时间也就越长。
3. 冰冻切片的染色时间应缩短, 在福尔马林溶液浸泡时间较长的组织及脱钙组织染色时间应延长。





## Celestine Blue Stain Solution

**Cat:** G1770

**Size:** 50mL

**Storage:** 2-8°C, avoid light, valid for 1 year.

### Introduction

Hematoxylin-Eosin Staining is shorten as HE Staining, which is one of the most common staining methods in pathology and histology. The acid used in Van Gieson's staining can remove most of the hematoxylin color, so that the nucleus can hardly be seen. In this case, the use of iron hematoxylin or celestine blue can resist the influence of acid to achieve satisfactory results.

Celestine Blue Stain Solution is mainly composed of 0.5% celestine blue B, which is mostly used in combination with alum-hematoxylin. Its advantage is that celestine blue B can resist acid, and ferrate can strengthen the binding force between alum-hematoxylin and nucleus, making the nucleus dyed deeper, so it can achieve the goal of acid resistance, making the color of hematoxylin not easy to fade.

### Protocols(for reference only)

1. For paraffin section, dewax to distilled water.
2. Soak in Celestine Blue Stain Solution and stain for 3-5 min.
3. Wash in distilled water and continue the downstream experiment as required.

### Note

1. With the prolongation of the place, the dyeing power will decrease and the time need be prolonged.
2. The stronger the dye is used, the faster the dyeing power decreases and the longer the dyeing time.
3. The staining time of frozen sections should be shortened, and the staining time of tissues and decalcified tissues soaked in formalin solution for a long time should be prolonged.

