

## 维多利亚蓝染色液

货号: G1588

规格: 100mL

保存: 室温, 避光保存, 有效期6个月。

### 产品介绍:

维多利亚蓝是一种苯甲烷染料, 可显示弹力纤维和乙型肝炎表面抗原, 不易过染, 染色后不易褪色。

维多利亚蓝染色液是G1596-维多利亚蓝弹力纤维染色试剂盒内主染色成分, 适用于显示弹力纤维和乙型肝炎表面抗原, 在临床上用于观察组织内弹力纤维是否增生或断裂崩解, 从而协助诊断。

### 操作步骤: (仅供参考)

根据实验需求准备染色切片和进行染色操作, 本步骤仅以弹力纤维染色步骤为例。

1. 组织固定于10%福尔马林中, 常规脱水包埋。切片厚4 $\mu$ m, 常规脱蜡至水。
2. 入新配Tanake氧化剂, 氧化5min。自来水稍洗。
3. 入Tanake漂白剂, 漂白2min, 至上述氧化剂的着色全部脱去。自来水冲洗5min。
4. 70%乙醇浸洗, 切片入维多利亚蓝染色液的染缸中, 浸染(加盖)24h。
5. 70%乙醇浸洗2次, 每次10s, 期间把切片提起放下, 至切片无染色液脱出为止, 流水稍洗。
6. 滴加核固红染色液复染细胞核5-10min, 流水稍冲洗。
7. 常规脱水, 二甲苯透明, 中性树胶封固。

### 染色结果:

弹力纤维	蓝色
细胞核	红色

### 注意事项:

- 1、大多数固定液均可, 但含有铬盐的固定液固定后, 染色较浅且容易弥散。
- 2、维多利亚蓝染色液稳定, 保存时间长, 并可反复使用2-3次。
- 3、维多利亚蓝染色液染色时间在24~48h之间均可, 以24h居多。
- 4、为了您的安全和健康, 请穿实验服并戴一次性手套操作。

## Victoria Blue Stain Solution

**Cat:** G1588

**Size:** 100mL

**Storage:** RT, avoid light, valid for 6 months.

### Introduction

Victoria blue is a kind of phenylmethane dye, which can show elastane and hepatitis B surface antigen. It is not easy to over dye and fade after dyeing.

Victoria Blue Stain Solution is applicable to display elastic fiber and hepatitis B surface antigen. It is used to observe whether the elastic fiber in the tissue proliferates or breaks and disintegrates clinically, so as to assist in diagnosis.

### Protocol (for reference only)

*Prepare stained sections and perform dyeing operations according to experimental requirements. This step only takes the elastic fiber dyeing step as an example.*

1. Fix in 10% neutral formalin fixative, and routinely dehydrate and embed.
2. Cut the paraffin embedded tissue into 4 $\mu$ m thin sections and routine dewax to water.
3. Rinse the section with Tanake Oxidizing Solution for 5min. Wash with tap water for 1-2mins.
4. Bleaching with Tanake Bleach Solution for 5mins. Wash with tap water for 5 min. Rinse with 70% alcohol.
5. Stain the section in Victoria Blue Solution with cap for 24h.
6. Rinse with 70% alcohol twice till no stain solution comes out. Wash with tap water for 1-2mins.
7. Stain with Nuclear Fast Red Solution for 5-10mins. Wash with tap water for 1-2mins.
8. Dehydrate with series alcohol, transparent with xylene and seal.

### Result

Elastic Fiber	Blue
Nucleus	Red

### Note

1. Most fixatives can be used. However, when the fixative used containing chromium salt, the staining is light and easy to disperse.
2. Victoria blue staining solution is stable and can be used repeatedly in twice or third.
3. The staining time of Victoria blue could be from 24 h to 48 h, most of which is 24 h.
4. For your safety and health, please wear experimental clothes and disposable gloves.