

## 氨基黑 10B 染色液(0.1%)

货号: G3910

规格: 100mL

保存: 室温, 避光保存, 有效期 1 年。

### 产品介绍:

氨基黑 10B 可用于检测印迹膜上的蛋白, 转移的蛋白大于 50ng/条带时, 在淡蓝色的背景上可呈现深蓝色的条带, 在测定内部序列时, 对于蛋白质测序和蛋白质原位切割, 氨基黑是最常用的染色剂。

氨基黑 10B 染色液(0.1%)主要由氨基黑 10B、弱酸、去离子水等组成, 适用于 PVDF 膜、硝酸纤维素膜、尼龙膜, 其优点是温和的染色条件使蛋白回收提取耗损降到最低。

### 自备材料:

蒸馏水或去离子水、弱酸水溶液、摇床

### 操作步骤:(仅供参考)

对于印迹转移膜

1. 将印迹转移膜放在恰当容器中, 蒸馏水洗三次, 每次 5min。
2. 浸入氨基黑 10B 染色液 (0.1%) 染色 1-3min。
3. 入弱酸水溶液或氨基黑漂洗液, 室温摇床上脱色两次, 每次 2min,用蒸馏水或其它适当溶液漂洗。
4. 对结果作适当记录或拍照。

对于免疫双扩散凝胶

1. 将过夜孵育的免疫双扩散凝胶浸泡在生理盐水里室温漂洗 24 小时, 期间视情况换液 3-5 次充分洗去未结合蛋白。
2. 浸入氨基黑 10B 染色液 (0.1%) 染色 30min。
3. 入弱酸水溶液或氨基黑漂洗液, 室温摇床上脱色至印迹清晰 (一般过夜), 注意换液。
4. 用蒸馏水、PBS 或其它适当溶液漂洗。
5. 对结果作适当记录或拍照。

### 染色结果:

蛋白条带	深蓝色
背景	淡蓝色或白色

### 注意事项:

1. 如需蛋白回收可使用氨基黑 10B 脱色液脱色后进行回收, 具体操作参考产品说明书。
2. 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:

G3911 氨基黑 10B 染色液 (0.5%)

G3912 氨基黑 10B 漂洗液

G3913 氨基黑 10B 脱色液

## Amino Black 10B Stain Solution, 0.1%

**Cat:** G3910

**Size:** 100mL

**Storage:** RT, avoid light, valid for 1 year.

### Introduction

Amino black 10B can be used to detect the protein on the imprinted membrane. When the transferred protein is more than 50ng/band, it can show dark blue band on the light blue background. When determining the internal sequence, amino black is the most commonly used staining agent for protein sequencing and in situ cleavage.

Amino Black 10B Stain Solution, 0.1% is mainly composed of amino black 10B, weak acid, deionized water and so on. It is suitable for PVDF membrane, nitrocellulose membrane and nylon membrane. Its advantage is that mild dyeing conditions can minimize the loss of protein recovery and extraction.

### Self Provide Materials

Distilled Water, Weak Acid Solution, Shaker

### Protocol (for reference only)

#### For imprinted transfer membrane

1. Place the membrane in a proper container and wash it with distilled water third for 5 min each.
2. Immerse in Amino Black 10B Stain Solution, 0.1% for 1-3min.
3. Add Weak Acid Solution or Amino Black 10B Dye Rinse Solution (G3912), and decolorize twice on shaker, 1-2min each time. Rinse with distilled water, PBS or other suitable solution.
4. Record or photograph the results properly.

#### For Immunodiffusion Gel

1. immerse the Gel incubated in the normal saline for 24 h at room temperature. During the period, 3-5 times of the liquid should be changed to wash away the unbound protein.
2. Immerse in Amino Black 10B Stain Solution, 0.1% for 30min.
3. Add weak acid water solution or amino black bleaching and washing solution, decolorize on room temperature shaker until the imprint is clear (usually overnight), and pay attention to change the solution.
4. Rinse with distilled water, PBS or other suitable solution.
5. Record or photograph the results properly.

### Result

Protein	Deep Blue
Background	Pale Blue or Colorless

### Note

1. If need protein recovery, using Amino Black 10B Decolorizing Solution (G3913) to decolorize before recovery. Refer to the product manual for specific operation.
2. For your safety and health, please wear lab clothes and disposable gloves.

### Related Products

G3911 Amino Black 10B Stain Solution, 0.5%

G3912 Amino Black 10B Dye Rinse Solution

G3913 Amino Black 10B Decolorizing Solution