

亚甲基蓝染色液(Dot Blot)

货号: G1305

规格: 100mL

保存: 室温, 避光保存, 有效期 1 年。

产品介绍:

斑点杂交 (Dot Blot) 是一种检测、分析和鉴定 DNA、RNA 和蛋白质的技术, 通过显影斑点的有无及颜色的深浅来判断是否有杂交及其杂交强度。

亚甲基蓝染色液 (Dot Blot) 可用于斑点杂交和曝光后的 NC 膜和尼龙膜染色, 可将 DNA 或 RNA 样本染成均一的蓝色圆点, 作为上样量内参对照, 上样量越大, 圆点颜色越深, 一般建议上样量 10-20ng 以上。

操作步骤: (仅供参考)

1. 根据实验要求进行样本变性、杂交、封闭、抗体孵育、ECL 显影等步骤。
2. 将膜放入亚甲基蓝染色液 (dot blot) 中室温孵育 1-5min, 然后使用蒸馏水多次漂洗膜直至背景变浅, 点样区可见清楚蓝色圆点。

染色结果:

DNA 或 RNA 样本	蓝色
背景	淡蓝色

注意事项:

1. 本试剂也可用于抗体孵育前的杂交膜染色, 作为内参对照。
2. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。





Methylene Blue Solution, For Dot Blot

Cat: G1305

Size: 100mL

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

Introduction

Dot Blot is a technique for detecting, analyzing, and identifying DNA, RNA, and proteins. It determines the presence and intensity of hybridization by highlighting the presence or absence of spots and the depth of their colors.

Methylene Blue Solution, For Dot Blot can be used for spot hybridization and staining of NC and nylon membranes after exposure. DNA or RNA samples can be dyed into uniform blue dots as an internal reference for sample loading. The larger the sample loading, the darker the color of the dots. It is generally recommended to load a sample size of 10-20ng or more.

Protocol(for reference only)

1. Perform sample denaturation, hybridization, blocking, antibody incubation, ECL development and other steps according to experimental requirements.
2. Incubate the membrane in Methylene Blue Solution, For Dot Blot at room temperature for 1-5 minutes, then rinse the membrane multiple times with distilled water until the background becomes lighter, and blue dots can be seen in the sample area.

Result

DNA or RNA samples	Blue
Background	Light blue

Note

1. This reagent can also be used for hybridization membrane staining before antibody incubation as an internal reference control.
2. For your safety and health, please wear laboratory clothes and disposable gloves when operating.

