

## PAGE 浓缩胶红色染料 (200×)

货号: G4830

规格: 1mL

保存: 2-8°C, 有效期 1 年。

### 产品介绍:

本产品是一种用于配制聚丙烯酰胺凝胶浓缩胶(上层胶、积成胶)的染料,该染料现有红、绿、黑、蓝四种颜色可供选择。

添加该染料可以使得浓缩胶蛋白点样孔一目了然,方便将蛋白样品准确无误加入点样孔中,易于判断上样孔边距或是否歪曲破损。并且该染料的颜色不会随着电泳而进入分离胶(下层胶),可稳定的存在于浓缩胶中,电泳完成后也便于识别上层胶并切除,不会影响电泳和染色效果。可搭配我司 P1200-SDS-PAGE 凝胶制备试剂盒产品配套使用。

### 操作步骤:(仅供参考)

由于染料的特殊性质,在保存过程中会出现沉淀现象,因此使用前请上下颠倒或吹打混匀后即可正常使用。

1. 以 1.0 mm 厚凝胶为例,配制单块凝胶约需 2 mL 上层胶溶液,可按照 1:200 比例在浓缩胶溶液中加入 10 $\mu$ L 浓缩胶染料并混匀(加入颜料的多少可根据个人爱好,最大使用量不超过此建议使用量的 5 倍即可)。
2. 加入凝胶聚合剂(如过硫酸铵或其它过硫酸铵替代物)和催化剂(TEMED 或 TEMED 替代物),充分混匀后即可用移液管或移液器将上层胶溶液注入制胶玻璃板之间,并插入电泳梳。
3. 待上层胶凝固后,拔去电泳梳即可进行后续电泳。

### 注意事项:

1. 染料也可在加入凝胶聚合剂(如过硫酸铵或其它过硫酸铵替代物)和催化剂(TEMED 或 TEMED 替代物)之后再加入,混匀后直接灌注上层胶。
2. 由于经常会出现不同样本平行电泳多块凝胶的现象,因此本公司同时提供多种颜色的浓缩胶染料,包括红色、绿色、黑色、蓝色以用于区分不同样本或不同操作员的不同凝胶电泳。
3. 本产品仅限于专业人员的科学研究用,不得用于临床诊断或治疗,不得用于食品或药品,不得存放于普通住宅内。
4. 为了您的安全和健康,请穿实验服并戴一次性手套操作。

## Dye for PAGE Stacking Gel, 200×

**Cat:** G4830

**Size:** 1mL

**Storage:** 2-8°C, valid for 1 year.

### Introduction

This product is a kind of dye used to prepare SDS-PAGE stacking gel. The dye is available in four colors: red, green, black and blue.

The addition of this dye can make the sample holes of gel protein concentrate clear at a glance, facilitate the accurate addition of protein samples into the sample holes, and make it easy to judge the edge distance of the loading holes or whether they are distorted or damaged. And the color of the dye will not enter the separating gel with electrophoresis, and it can stably exist in the stacking gel. After electrophoresis, it is also easy to identify and cut off the stacking gel, without affecting the electrophoresis and dyeing effects. It can be used with our P1200-SDS-PAGE Gel Kit.

### Protocols(for reference only)

*Due to the special nature of the dye, precipitation will occur during storage, so please turn upside down or blow it to mix well before use, and then it can be used normally.*

1. Taking the 1.0 mm thick gel as an example, it takes about 2 ml of stacking gel solution to prepare a single piece of gel. As the ratio of 1:200, add 10  $\mu$ L Dye for PAGE Stacking Gel, 200 $\times$  into 2ml stacking gel solution and mix evenly (the amount of pigment added can be determined according to personal preferences, and the maximum amount of pigment used should not exceed 5 times of the recommended amount).
2. Add gel polymerization agent (such as ammonium persulfate or other ammonium persulfate substitutes) and catalyst (TEMED or TEMED substitutes). After fully mixing, use a pipette to inject the stacking gel solution between the glue making glass plates and insert an electrophoresis comb.
3. After the stacking gel solidifies, pull out the electrophoresis comb for subsequent electrophoresis.

### Note

1. The dye can also be added after adding the gel polymerization agent (such as ammonium persulfate or other ammonium persulfate substitutes) and catalyst (TEMED or TEMED substitutes), and then directly pour the stacking gel after mixing.
2. Since it is common for different samples to electrophoresis multiple gel at the same time, we provide stacking gel dyes of multiple colors, including red, green, black and blue, to distinguish different samples or different gel electrophoresis of different operators.
3. This product is only for scientific research of professionals, and shall not be used for clinical diagnosis or treatment, food or drugs, or stored in ordinary houses.
4. For your safety and health, please wear experimental clothes and disposable gloves