



Version 1.1
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SDS-Blue™



Coomassie Based Staining Solution for protein staining in SDS-PAGE

Catalogue number: GSB1

Size: 1 L

Catalogue number: GSB05

Size: 500 mL

Introduction

SDS-Blue™ is an innovative patented formula, based on Coomassie blue, that comes in a convenient ready to use format for staining proteins in SDS-PAGE (sodium dodecyl sulphate–polyacrylamide gel electrophoresis). The formulation of SDS-Blue™ provides numerous advantages compared to the classic Coomassie staining or to other similar protein stains. SDS-Blue™ provides higher sensitivity, virtually no background and eliminates the need for destaining of the gel due to its high specificity and affinity to bind to protein only. Not only does SDS-Blue™ yield clear and sharp bands, but it also contains no methanol and acetic acid, making it non-hazardous, safe to handle and friendly to the environment when disposed of. Two other advantages that make SDS-Blue™ the better option is that it is not light sensitive and can be stored at ambient temperature for 24 months. And this provides a considerable convenience, especially to laboratories that need and keep big amount of protein staining solutions – no more jammed refrigerators, you can keep SDS-Blue™ wherever it is most convenient for You!

Working procedure

- 1) Invert the bottle a few times to ensure the solution is properly suspended.
- 2) Take the gel out of the gel tank and submerge the gel in enough SDS-Blue to cover the gel.
- 3) Bands will be visible within ~5 minutes. After 30 minutes the gel is ready for imaging. For full staining leave for ~8 hours. Gels thicker than 1mm will take longer to stain. To speed up the staining you may put the container on a shaker and gently shake the submerged gel.
- 4) Take out the gel and gently wash it with water.
- 5) Image the gel.

Storage conditions: Ambient temperature; not sensitive to light

Shelf life: 2 years

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