

STRONG Protein Gel Fast Stain

Catalog No. PGFS500

Ready-to-use 500 ml Stain Solution



Product Description:

Strong Protein Gel Fast Stain provides a fast and sensitive method for SDS-PAGE gel stain without organic solvent destaining process. Traditional Commassie Blue staining and destaining methods take several hours to finish and leaves frequently a deep blue gel background, which reducing the sensitivity of detection. The Protein Gel Fast Stain procedure is extremely straightforward - after twice of short rinse, gels are simply soaked in the stain solution and no more destaining required.

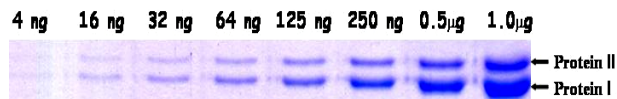
The procedure expends only 10 minutes for rinse and 20 minutes for gel staining. A total of 30 minutes will allow visualization of as little as 5 ng of protein on a water-clear background.

Storage Condition:

- Room temp. or 2-8 °C.
- Shelf Life: One year at 2-8 °C.

Protein Gel Staining Procedure:

1. After SDS-PAGE, place the gel in a staining tray with 50-100 ml of deionized water and wash **twice** for 5 minutes.



2. Discard deionized water and add the stain solution until the gel is just covered (for a 8 x 10 cm gel, use approximately 25 ml stain solution).
3. Gently shake the staining tray for 20 minutes at room temperature until protein band(s) shown, discard the stain solution.
4. Rinse the gel with tap water. As little as 5 ng of protein can be observed at this point against a water-clear background.

Note:

- The signal of protein can be visualized within 5 minutes and achieve to half maximum intensity in 20 minutes.
- The protein band on the gel is stable in the stain solution in a covered tray for weeks at room temperature.
- Reused stain solution will decrease the sensitivity of detection.

Strong Biotech Corporation This product is for research use only.
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Not for use in diagnostic procedures. Ver2.0, 2009
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