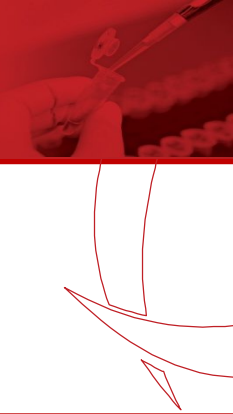


Data sheet



Tris-Glycine-SDS Buffer pH 8.3

Cat. No: BR052 → 1 pouch (1000 mL/pouch)

Cat. No: BR053 → 5 pouch (1000 ml/pouch)

Introduction

Tris-glycine-SDS buffer (TG-SDS) contains the denaturing agent sodium dodecyl sulphate (SDS). Protein electrophoresis under denaturing conditions (SDS-PAGE) involves separating proteins based on their size. By treating the sample under denaturing and reducing conditions with SDS, proteins unfold and become coated with SDS detergent molecules.

Applications

- Protein electrophoresis
- Denatured protein electrophoresis
- Polyacrylamide gel electrophoresis
- Western blotting

Specifications

Chemicals: Analytical grade.

Format: Exactly pre-weighed powder.

Volume: 1000 ml/pouch.

Concentration: 0.025 M Tris, 0.192 M glycine, 0.10% SDS

pH: 8.3 ± 0.2 at 25°C

Shipping and storage

The TG-SDS buffer is shipped at room temperature. Store the pouches in a dry place at room temperature.

Directions for use

Empty one pouch of the TG-SDS buffer in a laboratory flask or beaker placed on a magnetic stirrer. Add deionized water and stir the solution for a few minutes. Adjust the volume up to 1000 ml, stir until full dissolution and the buffer solution is ready to use.

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