

DATA SHEET

Version: 2

Revision date: 17/02/23

1. Identification

Product name	Tris-Glycine Buffer pH 8.3 1L (10X solution)
Cat. No	BR0055

2. Description

Tris-glycine buffer (TG) is the most common running buffer in native (non-denaturing) homogeneous and gradient poly-acrylamide gel electrophoresis (PAGE) of proteins. Tris-glycine gels resolve proteins by size. However, very small proteins and peptides do not resolve well due to interference from the glycine/pH discontinuity front.

TG buffer is also used to make Tris-glycine/20% methanol Western transfer buffer, which is the most frequently used protein transfer buffer for wet blot transfers.

3. Specifications

Chemicals: Analytical grade.

Format: Exactly pre-weighed powder. 10X Solution.

Concentration: 0.025 M Tris, 0.192 M glycine

pH: 8.3 ± 0.2 at 25°C

4. Shipping and Storage specifications

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

5. Applications

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

6. Further information

Product Use Limitations This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

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7. Directions for use

- Dilute 10x solutions 10:1 to make a 1x working solution.

