4 x Protein Loading Buffer Plus

Cat. No.	Size
E0269-01	5 x 1 ml
E0269-02	10 x 1 ml

Storage Conditions:

Store at -20°C.

Description:

4 x Protein Loading Buffer is added to solubilized protein samples prior to analysis by SDS-polyacrylamide gel electrophoresis (SDS-PAGE).

- Bromophenol blue runs ahead of the proteins.
- SDS detergent denatures the proteins and gives each an overall negative charge enabling proteins to migrate accordingly to their length.
- 2-Mercaptoethanol reduces the disulphide bonds.
- Glycerol increases the density of the sample so that it layers in the sample well.

Buffer Composition:

Tris-HCl (pH 6.8), SDS, bromophenol blue, 2-Mercaptoethanol, glycerol.

Recommended use:

1. Add 1 part of the buffer per 3 parts of protein sample.

2. The mixture should be heated at 95-100°C for 5-10 minutes to denature proteins prior to SDS-PAGE.

DOMINIQUE DUTSCHER SAS

This product is developed, designed and sold exclusively for research purposes and in vitro use only.

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