4x Tris Glycine Native Sample Buffer

Catalog No.	Description	Size
SABN02-01	4x Tris Glycine Native Sample Buffer	25 ml
SABN02-02	4x Tris Glycine Native Sample Buffer	50 ml

Description:

4x Tris-Glycine Native Sample Buffer is used for loading Protein samples for Native PAGE analysis on Polyacrylamide gels.

Composition

Tris.HCl (pH 6.8)	400 mM
Glycerol	40%
Bromophenol blue (BPB)	0.01%

Storage Temperature: 4°C

Procedure

1. 4x Tris-Glycine Native Sample Buffer does not contain reducing agent. For reducing conditions, add 0.5 ml of 2-Mercaptoethanol or 0.2g of DTT to 5 ml of 4x Tris-Glycine Native Sample Buffer before use.
2. Add one part of 4xTris-Glycine Native Sample Buffer to one part of sample to and mix well. (Do not heat).
3. Prepare 800 ml of Tris-Glycine Native Running Buffer (1x) by adding 80ml of Tris-Glycine Native Running Buffer (10x) to 720ml of deionized water before use. Fill the upper and lower buffer chambers of mini cell with the appropriate amounts of running buffer. Make sure that the upper running buffer covers the sample wells completely.
4. Load sample into the wells.
5. Run the gel. Commonly a voltage of 125V constant is applied for Native-PAGE (Laemmli) with Tris-Glycine Native Buffer. Turn off the power when the BPB dye is migrated to the end of the gel.
6. After the run, remove the gel from the cassette.
7. Fix, stain or transfer as desired.

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