

Crystal 1x TG Buffer

Tris-Glycine buffer for protein electrophoresis

Catalog Number:

BIO-37106 10 pouches



Research Use Only

Store at room temperature

Description

Crystal 1x TG Buffer is a tris-glycine buffer made from reagents with the highest purity and reliability, and is delivered pre-weighed in a convenient ready-to-use sealed pouch. Crystal 1x TG Buffer is the recommended running buffer in native (non-denaturing) protein polyacrylamide gel electrophoresis (PAGE). The buffer can also be used in Western blotting assays.

Crystal 1x TG Buffer can be used to perform SDS-PAGE when used in combination with the anionic detergent sodium dodecyl sulfate (SDS) at a concentration of 0.1%. This can be obtained by dissolving 2 tablets of the Bioline Crystal SDS Reagent (BIO-37109) in 1000ml of the Tris-glycine buffer. Crystal 1x TG Buffer is tested for the absence of DNase/RNase contamination.

Protocol

Dissolve contents of one pouch in deionized water and make up the volume to 1000ml to obtain a 1x TG buffer solution.

Optional: The buffer can be filtered through a 0.20µm filter to prevent or delay the formation of precipitates.

Reagent specifications

Composition:

0.025M Tris, 0.192M glycine, pH 8.3 at 25°C, when dissolved in deionized water and made up to 1000ml.

Storage Conditions:

Unopened pouches can be stored at room temperature for 3 years. Once dissolved in water, the buffers can be stored at room temperature for 1 year.

Safety and handling:

For safety information please refer to product MSDS on the website at www.bioline.com

Quality control

Crystal buffers undergo extensive and stringent QC assays to guarantee batch-to-batch reproducibility.

Warranty/Disclaimer

Bioline products meet or exceed the specifications set in the technical data section. Bioline agrees to replace the products free of charge if they do not conform to the specifications. In the event the products fail to meet the warranted specifications, the sole obligation of Bioline is limited to replacement of the products free of charge.

All prices and products are subject to change without prior notification. For the most up-to-date product information, please visit the Bioline website at www.bioline.com

Notes

This product insert is a declaration of analysis at the time of manufacture.

For detailed product information, please visit our website at www.bioline.com

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