

Customized SDS Protein Gel Loading Solution

Catalog #: 351-151-681 Pack 5 x 1mL

Store at: 15°C to 30°C

Shipped at: ambient temperature

Note: Quality Biological's formulation does not contain 2-mercaptoethanol or dithiothreitol

Description

Quality Biological's (QBI) Customized SDS Protein Gel Loading Solution is prepared from molecular biology grade Tris base [tris(hydroxymethyl)aminomethane], sodium dodecyl sulfate (SDS), bromphenol (bromophenol) blue, and glycerol using Quality Biological's Molecular Biology Grade (MBG) Water. The final product is sterile filtered through a 0.2µm filter membrane.

Applications

- *SDS-Page*¹
- *Western Blotting*¹

Note:

- a) For complex mixtures, use 50µg total protein per lane
- b) For purified proteins, use 0.5-5µg total protein per lane

Directions: (Optional)

Add, **EITHER** 2-mercaptoethanol [BME] to a final concentration of 5% **OR** dithiothreitol [DTT] to a final concentration of 5mM.

1. Use all precautions necessary when working with proteins
2. Dilute the samples 1:4 with Customized SDS Protein Gel Loading Solution
3. Heat at 95°C for 2-5 minutes prior to loading

Quality Control

General

Test results of individual lots of Customized SDS Protein Gel Loading Solution are available on the Quality Biological website.

References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2nd Ed. Cold Spring Harbor Laboratory Press.

Related Products

Protein Running Buffer (10X)

Catalog # 351-132-101 500mL

All products sold by Quality Biological are intended for research use only. This product has not been approved for diagnostic or IVD use.