

Cleaver 10x Tris-Glycine buffer

CSL-TGP

Introduction

One sachet of Tris-Glycine Buffer powder contains enough material to formulate 1L of 10x Tris-Glycine stock solution or 10L of 1x Tris-Glycine working solution for the electrophoresis of native proteins or to be used as transfer buffer for Western blotting

Product Specifications

Components	Concentration
TRIS	0.25 M
Glycine	1.92 M

DNase, RNase None detected.

Storage

The recommended storage temperature is +15 °C – +25 °C.
Shelf life 36 months. Once reconstituted in deionized water use within 6 months.

Stock solution

To prepare 1 L 10x Stock solution: Dissolve all the powder in 1L of deionized water.

Concentration of components in 10x stock solution:

0.25 M TRIS

1.92 M Glycine

pH 8.3 ± 0.1

Working solution

To prepare 1 L 1x running buffer: To 100 ml 10x concentrate add 900 ml deionized water.

Concentration of components in 1x solution:

0.025 M TRIS

0.192 M Glycine

pH ~8.3

To prepare 1 L 1x transfer buffer: To 100 ml 10x concentrate add 200 ml of methanol (methanol concentration can vary depending on the membrane and sample used and should be supplied by the user) and 700 ml of deionized water.

Concentration of components in 1x solution:

0.025 M TRIS

0.192 M Glycine

20% Methanol

pH ~8.3