

Tris-Glycine Powder (1 L of 1×)

1 Contents

Components	HY-K1021-10 pouches	HY-K1021-50 pouches
Tris-Glycine Powder (1 L of 1×)	10 pouches	5 × 10 pouches

2 Introduction

Tris-Glycine (TG) is widely used as an electrophoresis buffer for Native-PAGE. TG buffer is also used for Western Blot when prepared in 20% methanol.

MCE Tris-Glycine Powder (1 L of 1×) consists of Tris and Glycine. Each pouch can be diluted to 1 L 1× TG buffer, in which the concentration of Tris is 25 mM and the concentration of Glycine is 192 mM. This product provides a convenient way to make TG buffer and eliminates the need to weigh and mix individual components.

3 General Protocol

1. Add 1 pouch of Tris-Glycine Powder into the cleaned beaker, dissolve with 600 mL distilled water (or 200 mL methanol and 400 mL distilled water when used for membrane transfer in Western Blot) under a magnetic stirrer.

2. Add distilled water to the solution in step 1 until the total volume is 1 L. The final solution is 1× TG buffer.

Note: The pH of the 1× TG buffer is 8.3 ± 0.2 @ 25°C.

3. Store at room temperature for 1 week and 4°C for 1 month.

4 Storage

Store at room temperature for 3 years

5 Precautions

1. For better results, please change the buffer in time.
2. This product is for R&D use only, not for drug, household, or other uses.
3. For your safety and health, please wear a lab coat and disposable gloves to operate.