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Transmembrane Buffer (10×)

Cat. No: E-BC-R333

Size: 100 mL/ 200 mL/ 500 mL

Cat	Products	100 mL	200 mL	500 mL	Storage
E-BC-R333	Transmembrane Buffer (10×)	100 mL	200 mL	500 mL	2~8℃

Introduction

Tris-Glycine transmembrane buffer is used in the wet and semi-dry test of Western blotting experiments. The protein can be transferred from the gel to the PVDF membrane or the NC membrane. This product is supplied with 10× concentrate for easy transportation (without methanol).

Instructions

This product is a 10× concentrate, dilute with Deionized water and methanol (self-prepared) to 1× transmembrane working solution before use. For example: Take 100 mL of Transmembrane Buffer (10×), add 200 mL of methanol, then add 700 mL of Deionized water and mix fully.. Please use the prepared 1× transmembrane working solution within a week.

Note: In general, 20% methanol is recommended, and can be optimized by adjusting the methanol concentration when the transfer of high molecular weight proteins is not complete. For proteins with a molecular weight greater than 200 kDa, the methanol concentration can be reduced from 20% to 5%, and the time of transfer can be appropriately increased to 3 h.

1 × Transmembrane Buffer Components

25 mM Tris-base, 192 mM Glycine, 20% (v/v) Methanol, pH8.3.

Storage

Store at 2~8 ℃ for 12 months.

Cautions

1. This product does not contain SDS. For proteins with a molecular weight greater than 120 kDa or strong hydrophobicity, (0.025~0.1%) SDS can be added to prevent the proteins from aggregation and precipitation in the gel.
2. This product is a high concentrate solution. When the temperature is low, crystals may be precipitated. It can be heated to dissolve. Dilute after it is completely dissolved.
3. Please pay attention to sealed storage to avoid contamination.
4. For your safety and health, please wear the lab coat and disposable gloves before the experiments.