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Transfer Buffer (Semi Dry) Powder (1 L of 1×)

1 Contents

Components	HY-K1028-20 pouches	HY-K1028-100 pouches
Transfer Buffer (Semi Dry) Powder (1 L of 1×)	20 pouches	5 × 20 pouches

2 Introduction

MCE Transfer Buffer (Semi Dry) Powder (1 L of 1×) consists of Tris, Glycine and SDS. Each pouch can be diluted to 1 L 1× transfer buffer, in which the concentration of Tris is 48 mM, the concentration of Glycine is 39 mM and the concentration of SDS is 0.04%. This product is suitable for Western Blot semi-dry electrophoresis. This product provides a convenient way to make transfer buffer and eliminates the need to weigh and mix individual components.

3 General Protocol

1. Add 1 pouch of powder into the cleaned beaker, dissolve with 600 mL distilled water under a magnetic stirrer.
2. Add 200 mL methanol to the solution in step 1, and then add distilled water until the total volume is 1 L. The final solution is 1× transfer buffer.

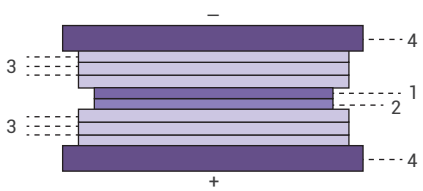
Note: The newly prepared 1× transfer buffer can be stored for 2 weeks at room temperature.

4 Storage

Store at room temperature for 3 years

5 Precautions

1. The newly prepared 1× transfer buffer can be stored for 2 weeks at room temperature.
2. Semi-dry transfer system transfers proteins ranging from 10-100 KDa. Commence transfer at a constant current (0.1-0.4 A) or voltage (10–25 V) for 10 minutes to 1 hour. The data is only for reference.
3. This product is for R&D use only, not for drug, household, or other uses.
4. For your safety and health, please wear a lab coat and disposable gloves to operate.



1- Gel
2- Membrane
3- Filter paper (three to four sheets or one extra thick)
4- Plate electrode

Figure 1 Schematic illustration of the Semi Dry electrophoretic transfer device

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