

20 × Ice-Free Rapid Transfer Buffer

Catalog #: RA10051

Product Overview

This product uses a brand-new rapid transfer formula, which eliminates the need for an ice bath and completes the Western blotting wet transfer process in 10 to 35 minutes; it also eliminates the need for toxic methanol solutions, making preparation safer .

Product Information

Product Name	Storage conditions	Specification
20 × Ice-free rapid transfer solution	RT	500mL
Manual	-	1pcs

1. Store at room temperature ; shelf life is 2 years.
2. 500 mL of transfer buffer can theoretically be used for 30-40 transfers (each time using 1 L).

Product Advantages

- **Safety:** No methanol required .
- **High efficiency and time saving:** 10-35min rapid film transfer.
- **No ice bath required :** Low-heat formula, no ice bath needed.
- **Recyclable:** Can be used 3-4 times.

Operating procedures

1. Take an appropriate amount of this product and prepare 1 × transfer working solution according to the following ratio ;

1 L of transfer working solution	
20× Ice-Free Rapid Transfer Buffer	50mL
ddH ₂ O	850mL
Anhydrous ethanol	100mL

2. After assembling the transfer clamp, add the diluted transfer working solution to the transfer tank, set the current to 400mA , and refer to the table below to set the transfer time .

1.0mm Gel	
Molecular weight	Transfer time
< 50 kDa	10-20 min
50-150 kDa	20-35min
150-200 kDa	35-45min
> 200 kDa	45-60min

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Note: For a 1.5mm gel, the extension time can be appropriately extended by 5-10 minutes;**Precautions**

1. PVDF membranes need to be activated with methanol or ethanol ;
2. Low temperature affects the transfer effect ; please transfer at room temperature.
3. Using the plastic ice packs that come with the transfer tank can reduce the amount of transfer solution used , but an ice bath is not necessary;
4. When using the transfer buffer for the fourth time, the transfer time needs to be extended by 10-15 minutes;
5. This product is for research use only.