

Fast Transfer Buffer (20x)

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1. Product Introduction

The unique transfer formula of this product enables the film transfer to be completed within 40-60 minutes. Under the same conditions, using this transfer solution can save more than half of the time (compared with traditional transfer solutions).

This product has better transfer effects on proteins of different molecular weights than traditional transfer solutions.

Please soak the gel in deionized water for 1-2 minutes before using this product.

When used in combination with ACE's FuturePAGE™ protein pre-prepared gel products, better results can be achieved.

Storage conditions:

The product can be stored at Room temperature for twelve months.

2. Use Instructions

1000 mL Transfer Buffer (1X): 50 mL Fast Transfer Buffer(20X) + 750 mL deionized water + 200 mL methanol (or ethanol).

3. Film transfer conditions reference

3.1 FuturePAGE™ Gradient glue, concentration 4-20%, thickness 1.0mm.

160 KD protein at 4 µg, with a constant current of 350 mA, the protein band was completely transferred to the membrane after 40 minutes of transfer. After staining the gel with Coomas brilliant Blue R250, there was no visually visible residue of the band.

3.2 A constant current of 350 mA is the recommended current usage condition. Please set the transfer time reasonably based on the gel concentration, thickness and the molecular weight of the protein to be transferred.

For FuturePAGE™ 4-20% gradient gel (1.0mm thickness), 40 minutes for below 160 KD, 40 to 60 minutes for 160 to 180 KD, and over 60 minutes for 180 KD.

4. Precautions

4.1 For your safety and health, please wear a lab coat and disposable gloves during operation.

4.2 When using, please stir fully to mix the transfer solution.

4.3 Please set the transfer time reasonably according to the actual situation, for transfers over 40 minutes, please take an appropriate ice bath.

4.4 This product is for research use only.

5. Related Products

Product	Cat.No.	Size
Fast Transfer Buffer (20x)	BR0003-01	500 ml