

ACEolute™ Rapid Transfer Buffer Instant Granules, 1L/pk

Cat# C7039 – 10 pks | C7040 – 100 pks

Store at room temperature for 1 year

Introduction

ACE Biolabs' ACEolute™ Rapid Transfer Buffer Instant Granules is a Western Blot high-efficiency transfer fluid built in a high-current system, with ultra-low heat generation, and can efficiently and quickly transfer proteins to the blotting membrane (NC membrane or PVDF membrane). Especially for macromolecular proteins that are difficult with ordinary transfer buffers, this product has a better transfer effect, and it can also reduce the time difference between large and small molecular proteins to make the entire transfer effect more perfect. This product does not need to use methanol and can be completed in 10~30 minutes.

Applications

Western Blotting wet transfer system

Features

Safe and stable— no methanol is used, reducing the use of toxic reagents;

Fast and efficient— transfer can be completed in 10-30 minutes, with low heat production and high transfer efficiency

Good compatibility—Compatible with Laemmli gels, precast gels, Bis-Tris gels and other gels.

Recommended Protocol

A package of ACEolute™ Rapid Transfer Buffer Instant Granules dissolved in 900 mL of deionized water, then add 100 ml anhydrous ethanol.

1. Prepare transfer membrane (NC or PVDF) and gel, then assemble transfer sandwich.
2. Add 1X Rapid Transfer Buffer to the transfer tank, set a constant current of 400 mA (voltage about 85V), and start transfer.

Notice:

- This product is suitable for the transfer of NC membrane and PVDF membrane. The transfer time of NC membrane is about 10-18 minutes, and the transfer time of PVDF membrane is about 20-30 minutes.
- The PVDF membrane should be wetted with anhydrous methanol for more than 30 seconds before use.
- After transferring, it is recommended to soak transferred PVDF membrane in methanol for a few seconds and observe with Ponceau S red to obtain a better observation effect.
- The concentration of the gel affects the efficiency of the transfer. For the gel concentration > 10%,

it is recommended to extend to 25-30 minute.

- The mixed transfer buffer solution can be reused 2~3 times, if repeated use, please extend the transfer time.

Storage conditions

Sealed, stored at room temperature, valid for one year.

PRODUCT USE LIMITATION

These products are intended for research use only.