YamayBio

Ice-free Bath Rapid Transfer Buffer Instant Granules

USER GUIDE

For research use only.
Not for use in diagnostic procedures.

Contents and Storage

Ice-free Bath Rapid Transfer Buffer Instant Granules

MS8135

10 sticks (1.2 L×10)

Storage: Store at room temperature for 36 months. The product is shipped at room temperature.

Introduction

This product is supplied as white or pale yellow instant granules. Each stick prepares 1.2 L of 1× ice bath-free rapid transfer buffer. The **wet transfer** step in Western blotting can be completed within **15 to 40 minutes**. During buffer preparation, **anhydrous ethanol** may be used in place of methanol. The entire process generates minimal heat and can be performed without an ice bath.

Quick Start Protocol

1. Pour approximately **1,000 mL** of **distilled water** into a beaker. Slowly add one stick of instant granules, while stirring continuously until fully dissolved.
2. Add **200 mL of anhydrous ethanol or methanol** to the solution and mix thoroughly to obtain 1× wet transfer ice bath-free rapid transfer buffer.

Recommended Transfer Conditions

	Gradient Gel		Stain-Free Bis-Tris Precast Gels			One-Step Stain-Free PAGE Gel				
Cat. No.	AN9324 AN9354	AN9325 AN9355	AN9321 AN9351	AN9322 AN9352	AN9323 AN9353	RF1521	RF1522	RF1523	RF1524	RF1525
Parameter	4 %-12 %	4 %-20 %	8%	10%	12%	6%	7.5%	10%	12.5%	15%
Thickness	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm
Current (mA)	400	400	400	400	400	400	400	400	400	400
Transfer Time	25 min	30 min	20 min	30 min	35 min	15 min	20 min	30 min	35 min	40 min
Notes	*For large proteins (>150 kDa), extend the transfer time by 5–10 minutes. *For 1.5 mm-thick gels, extend the transfer time by an additional 5–10 minutes.									