

Rapid Blocking Buffer (TBS-T) Powder (100 mL of 1×)

1 Contents

Components	HY-K1027-10 pouches
Rapid Blocking Buffer (TBS-T) Powder (100 mL of 1×)	10 pouches

2 Introduction

MCE Rapid Blocking Buffer (TBS-T) Powder (100 mL of 1×) mainly consists of fish gelatin protein. Each pouch can be diluted to 100 mL 1× blocking buffer, in which the concentration of the protein is 5%. Containing Tween 20, this product is widely used for the antibody blocking step in Western Blot or ELISA within 15 minutes. This product provides a convenient way to make blocking buffer and eliminates the need to weigh and mix individual components.

3 General Protocol

1. Prepare the working buffer
 - a. Add 1 pouch of Rapid Blocking Buffer (TBS-T) Powder into the cleaned beaker, dissolve with 50 mL distilled water under a magnetic stirrer.
 - b. Add distilled water to the solution in step 1 until the total volume is 100 mL. The final solution is 1× working buffer.
2. Blocking step
 - a. Place the membrane into the incubator box, add 10-20 mL 1× working buffer and incubate in the shaker incubator at room temperature for about 10 minutes.
 - b. The blocked membrane can be used for the subsequent experiments.
3. Store at 4°C for 1 month.

4 Storage

Store at room temperature for 3 years

5 Precautions

1. For antibodies with a high background, the blocking time can be extended to 30-60 minutes.
2. This product is for R&D use only, not for drug, household, or other uses.
3. For your safety and health, please wear a lab coat and disposable gloves to operate.