

# TBS Powder (1 L of 1×)

## 1 Contents

Components	HY-K1026-20 pouches	HY-K1026-100 pouches
TBS Powder (1 L of 1×)	20 pouches	5 × 20 pouches

## 2 Introduction

TBS buffer is widely used as washing buffer in immunocytochemistry, FISH or ELISA, and can also be used for antibody dilution and preparation of blocking solution.

MCE TBS Powder (1 L of 1×) consists of NaCl, KCl and Tris. Each pouch can be diluted to 1 L 1× TBS buffer, in which the concentration of NaCl is 137 mM, the concentration of KCl is 2.7 mM and the concentration of Tris is 25 mM. This product provides a convenient way to make TBS buffer and eliminates the need to weigh and mix individual components.

## 3 General Protocol

1. Add 1 pouch of TBS Powder into the cleaned beaker, dissolve with 600 mL distilled water under a magnetic stirrer.
2. Add distilled water to the solution in step 1 until the total volume is 1 L. The final solution is 1× TBS buffer.

Note: The pH of the 1× TBS buffer is  $7.4 \pm 0.15$  @ 25 °C.

3. Store at room temperature for 1 week and 4°C for 1 month.

## 4 Storage

Store at room temperature for 3 years

## 5 Precautions

1. For better results, please change the buffer in time.
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.