



YamayBio

# PBS Buffer Instant Granules

USER GUIDE

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

# Contents and Storage

PBS Buffer Instant Granules

MS8138 10 sticks (1 L×10)

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

## Introduction

This product is supplied as white instant granules. Each bag yields 1 L of 1× PBS buffer. The final 1× PBS composition is 137 mM sodium chloride, 2.7 mM potassium chloride, and 10 mM phosphate.

PBS is commonly used in biological research, including immunoassays, microbiological applications, and protein biochemistry. When prepared from instant granules and sterilized by 0.22 µm filtration, the solution is suitable for cell culture, washing steps, and related applications.

## Quick Start Protocol

1. Measure approximately 600 mL of distilled water into a beaker and add a magnetic stir bar.
2. Place the beaker on a magnetic stirrer and slowly add the entire contents of one bag of PBS instant granules. Stir until the granules are completely dissolved.
3. Add distilled water to bring the final volume to 1 L, yielding a 1× PBS solution.