

PBS

REF: CP17208M

Storage Condition

Store at room temperature for three years

Components

Component	CP17208M
PBS	100 Pouches

⚠ Note: pH is $7.4 \pm 0.2 @ 25^{\circ}\text{C}$ when made to 1× solution.

Description

PBS appears as white instant granules. Each pouch makes 1 L of 1× PBS solution conveniently with a simple procedure. PBS is composed of NaCl, KCl and phosphate. 1× PBS contains 137 mM NaCl, 2.7 mM KCl and 10 mM phosphate.

PBS buffer is the most widely used buffer in biology labs. It is used in immunoassays, microbial experiments and protein biochemical experiments. The PBS buffer prepared with PBS instant granules can be used in cell culture, washing and other related experiments after being treated with $0.22 \mu\text{m}$ sterilization filter.

⚠ Note: All related raw materials are AR / GR grade.

Method

1. Put magnetic stirring beads and ~600 ml distilled water into a beaker.
2. While stirring, slowly pour the whole contents from 1 pouch of PBS into the beaker; wait until everything is dissolved.
3. Add distilled water to bring the volume to 1 L and 1× solution is made.

Buffer making procedure using the RTU instant granules

