

TBS

REF: CP17210M

Storage Condition

Store at room temperature for three years

Components

Component	CP17210M
TBS	100 Pouches

⚠ Note: pH is 7.4±0.15@25°C when made to 1× solution.

Description

TBS appears as white to off-white instant granules. Each pouch makes 1 L of 1× TBS solution conveniently with a simple procedure. TBS is composed of NaCl, KCl and Tris. 1× TBS contains 137 mM NaCl, 2.7 mM KCl and 25 mM Tris.

TBS buffer is a widely used isotonic buffer in biology labs. It is used in immunohistochemistry, in situ hybridizations, enzyme-linked immunoassays and western blot. It is ideal for substrate washing, antibody dilution and blocking solution preparation.

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 TBS 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

