

PBS | 860015

Phosphate buffered saline (PBS)

Phosphate buffered saline (PBS) is a salt solution that is used to maintain the pH of biological samples. It is composed of sodium chloride, potassium chloride, sodium phosphate, and potassium phosphate. The pH of the solution is adjusted to 7.4.

Phosphate buffered saline (PBS) composition

Phosphate buffered saline (PBS) is composed of sodium chloride, potassium chloride, sodium phosphate, and potassium phosphate. The pH of the solution is adjusted to 7.4.

- 8000 mg/l Sodium chloride (NaCl)
- 200 mg/l Potassium chloride (KCl)
- 1150 mg/l Sodium phosphate dibasic heptahydrate ($\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$)
- 200 mg/l Potassium phosphate monobasic (KH_2PO_4)

The pH of the solution is adjusted to 7.4 using hydrochloric acid.

Phosphate buffered saline (PBS) storage

Phosphate buffered saline (PBS) should be stored at room temperature. It is stable for up to 24 hours.

Phosphate buffered saline (PBS) usage

- Cell culture media

Phosphate buffered saline (PBS) stability

- Stable at room temperature for up to 24 hours.
- Stable at 4°C for up to 24 hours.

Phosphate buffered saline (PBS) packaging

- 200 ml bottles

Phosphate buffered saline (PBS) safety

- Non-hazardous.
- Stable at room temperature for up to 24 hours.
- Stable at 4°C for up to 24 hours.
- Stable at -20°C for up to 24 hours.

Phosphate buffered saline (PBS) contact information

Product name	Product number	Volume (ml)
Phosphate buffered saline (PBS)	860015	200
Phosphate buffered saline (PBS)	860015	20
Phosphate buffered saline (PBS)	860015	800
Phosphate buffered saline (PBS)	860015	115