

## Phosphate Buffered Saline (10x Solution)

**Description:** Phosphate Buffered Saline has been formulated in a 10X concentration for use with immunolabeling techniques as a wash buffer. The need to weigh and mix individual components is eliminated and replaced with a simple dilution.

**Contents:** Phosphate buffered saline in reagent grade water with diluted concentrations of Sodium Chloride, NaCl: 0.15M; Sodium Phosphate, Na<sub>2</sub>HPO<sub>4</sub>: 8mM; Potassium Chloride, KCl: 3mM; Potassium Phosphphate, Monobasic, KH<sub>2</sub>PO<sub>4</sub>: 2mM. Final pH of concentrated buffer is 7.4±0.05, diluted buffer is 7.9±0.2. This product is filtered to 0.2 microns.

**Availability:**

<u>Item #</u>	<u>Volume</u>	<u>DILUTED VOLUME</u>
PBD999	1 liter	10 liters
PBD010	10 liters	100 liters

**Storage:** Store Phosphate Buffered Saline at room temperature. Product is stable for 24 months from date of manufacture.

**Diluting Procedure:**

1. Pour Phosphate Buffered Saline (10x) in mixing flask and add water to final volume. Stir briefly.

**Precautions:** Do not pipet reagent by mouth.