# 10X Phosphate Buffered Saline (10XPBS, Sterile)

| Catalog | Unit Size |
|---|---|
| TBS5027-500 | 500 ML |
| TBS5027-1L | 1 L |

## DESCRIPTION

Phosphate Buffered Saline (PBS) is formulated in sterile filtered condition to be used as a buffer for cell culture, ELISA, protein assay, and other molecular biological assays. 10X PBS contains 10 mM $Na_2HPO_4$, 2.0 mM $KH_2PO_4$, 2.7 mM KCl, 137 mM NaCl, pH 7.2~7.8.

## KEY FEATURES

**Convenient:** This buffer is easy to dilute into working solution for multiple purposes.

**Consistent:** The buffer makes your experiment easy and consistent.

**Calcium and magnesium free:** The buffer is calcium and magnesium free

## CONCENTRATION AND QUANTITY

Supplied as a 10X solution, 500 mL or 1 L /each bottle.

## APPLICATIONS

This product is used for cell culture, immunohistochemical detection, ELISA, Western Blot, protein isolation, flow cytometric, and in situ hybridization procedures.

## DIRECTIONS FOR USE

Dilute Phosphate Buffered Saline (10x PBS) to a 1X solution using $ddH_2O$. This product supplies enough 10X material to make 10 liters of 1X solution.

## STORAGE

Store at room temperature.

## STERILITY

The buffer is filtered with 0.2µm filter in sterile condition.

This product is for *in vitro* research use only and is not intended for use in humans or animals.

This product is not intended for use as a therapeutic or in diagnostic procedures.

| Ingredient Name | CAS# | Percent |
|---|---|---|
| Sodium chloride | 7647-14-5 | <1% |
| Sodium phosphate, dibasic anhydride | 7558-79-4 | <1% |
| Potassium phosphate, monobasic | 7778-77-0 | <1% |
| Potassium chloride | 7447-40-7 | <1% |

## HAZARD IDENTIFICATION

Materials listed above are not considered hazardous, or are not presented above 1%, or are not carcinogens above 0.1% as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard. Therefore, Material Safety Data Sheets are not required. We recommend treating all chemicals with caution.

## OTHER INFORMATION

This compound is sold only for research use by personnel familiar with chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory. No other use is intended.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide for experienced personnel, Tribioscience Inc. shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.

## RELATED PRODUCTS

TBS5004-2: Phosphate Buffered Saline, 1x, 1 L
TBS5003-0: Phosphate Buffered Saline, 1x, 500 ML
TBS5003-2: Dulbecco's Phosphate Buffered Saline, Calcium and Magnesium, 500 ML

**Research Use Only**