

1x Phosphate Buffered Saline (1XPBS, Sterile, TBS5003)

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. 1X PBS contains 10 mM Na₂HPO₄, 2.0 mM KH₂PO₄, 2.7 mM KCl, 137 mM NaCl, pH 7.2~7.4.

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 1X solution, 500 mL/each bottle.

APPLICATIONS

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

The PBS buffer is ready-to-use. It does not need any dilution.

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.

Please visit www.tribioscience.com for a complete listing of recommended companion products.

Orders

Phone: 650-917-9269

Email: order@tribioscience.com

Web: www.tribioscience.com

CERTIFICATE OF NON-HAZARDOUS MATERIAL

Identification:

Product name: 1X PHOSPHATE BUFFERED SALINE

Product Catalog: TBS5003

Manufacturer Supplier:

4062 Fabian Way, Suite 1, Palo Alto, CA 94303 USA

1-650-917-9269 TEL

1-650-618-5498 FAX

Composition/Information on Ingredients:

Buffer Name: Phosphate buffered saline, pH 7.4.

| 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:

TBS5003-01 DPBS, Calcium and Magnesium free.

TBS5003-02: DPBS, Calcium and Magnesium.

TBS5004: 10x PBS

TBS5027: 10 PBS (sterile).