

PRODUCT INFORMATION

Product Type: Bottle product (500ml)

Cat No. BP655 - PBS X1, (-) MG (-) CA, STERILE

Intended Use:

ready-to-use, 1X (working concentration) Phosphate Buffered Saline solution without magnesium (Mg^{2+}) and calcium (Ca^{2+}) ions.

Uses

Cell washing and resuspension: Especially before trypsinization or cell detachment, as Ca^{2+} and Mg^{2+} can interfere with some enzymes.

Diluent for reagents or samples: Maintains physiological osmolarity and pH.

Immunoassays and molecular biology: Used as a wash buffer in ELISA, Western blot, flow cytometry, etc.

General laboratory buffer: Non-toxic, non-reactive, and isotonic.

Composition:

KH_2PO_4 – 0.286 g/L

$Na_2HPO_4, 2H_2O$ - 3.884 g/L

Sodium Chloride – 11.424 g/L

KCl (Potassium Chloride) - 0.286 g/L

Storage: 15 - 25°C

pH: 6.5 – 7.1

Appearance: Clear, colorless liquid

Sterile

Exp. Date: Printed on label and on the item.

Required materials not supplied: Laboratory equipment as required.

PBS X1, (-)Mg (-)Ca is free of RNase and DNase activity.

Warning and Precautions:

Warning and Precautions - For professional use only. Follow good microbiological lab practices while handling specimens and culture. Do not use Bottles if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Bottles may be used / inoculated up to the expiration date and incubated for the recommended incubation times. After use and prior to discarding, specimen containers and all contaminated material, including the used culture media and contaminated culture containers, must be sterilized or incinerated by validated procedures. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.

Waste Disposal

After interpretation all items should be destroyed by standard incineration methods.
