PRODUCT INFORMATION

Product Type: Bottle product (500ml / 1L)

Cat No. BP507 - PBS X10, (-) MG, (-) CA, STERILE

Intended Use:

PBS X10, (-)Mg (-)Ca is a concentrated phosphate-buffered saline solution without calcium and magnesium, widely used for cell culture, washing, and molecular biology applications where divalent cations are not desired.

Applications

Cell washing and rinsing: Especially before cell dissociation or trypsinization, as Ca^{2+} and Mg^{2+} can inhibit trypsin activity.
Diluent for reagents or cells: Maintains osmolarity and pH in biological and cell culture applications.
Buffer for immunological assays: Used in Western blotting, ELISA, and other molecular biology protocols.

Composition:

KH_2PO_4 - 2 g/L
$Na_2HPO_4,2H_2O$ - 27 g/L
Sodium Chloride - 80 g/L
KCl - Potassium Chloride - 2 g/L

Storage: 15- 25°C
pH: 6.5 - 7.1
Appearance: Colorless liquid

Exp. Date: Printed on label and on the item.
Required materials not supplied: Laboratory equipment as required.

PBS X10, (-)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.

Hy Laboratories Ltd.
6 Menachem Plaut St., Park Tamar, Rehovot 7670606, Israel
Tel. +972.8.9366475 **Email.** hylabs@hylabs.co.il

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