

Dulbecco's Phosphate Buffered Saline, Calcium and Magnesium (DPBS, Ca⁺⁺ and Mg⁺⁺, Sterile & Endotoxin Free) (TBS5003-02)

DESCRIPTION

The DPBS contains CaCl₂ and MgCl₂ which are required for cell-cell and cell-substrate adhesion. It maintains the structural and physiological integrity of cells than the DPBS without Calcium and Magnesium.

DPBS buffer, with calcium and magnesium is a ready-to-use buffer solution in sterile and filtered condition.

KEY FEATURES

Convenient: This buffer is formulated as a ready to use phosphate buffer solution. It does not need further dilution and will save your time.

Consistent: The buffer makes your experiment easy and consistent.

Calcium and Magnesium Free: The buffer is calcium and magnesium free.

Endotoxin Free: The endotoxin level <= 1.0 EU/ml.

APPLICATIONS

This product is used to cell culture, flow cytometry, protein isolation, diluting reagents, and other in-vitro assay.

This product is for research use only, and is not intended for use in humans or animals in therapeutic or in diagnostic procedures.

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CONTENTS

- 137 mM Sodium Chloride
- 2.7 mM Potassium Chloride
- 8.1 mM Disodium hydrogen phosphate
- 1.47 mM Potassium dihydrogen phosphate
- 0.9 mM Calcium chloride
- 0.49 mM Magnesium chloride

500mL of DPBS buffer is supplied in one bottle at pH: 7.2 – 7.4.

Sterility: The buffer is sterilized and filtered with 0.2µm filter.

Osmolality: 275 - 304 mOs/kg.

Endotoxin Level: <= 1.0 EU/ml.

Salt Toxicity Test: Pass.

Classification: Animal origin-free.

Storage Conditions: The product is stored at 25°C or room temperature.

Precautions: The reagent is for research use only. Normal precautions for laboratory reagents should be exercised while using the reagents.

RELATED PRODUCTS

TBS3001: Mouse C5a ELISA Kit

TBS3020: Mouse C3a ELISA Kit

TBS3020: Mouse IL-1β ILISA Kit

TBS8001: Germine Transmission Qualified FBS

TBS8002: ESC/iPSC qualified FBS

TBS8007: Horse Serum

TBS8014: Cancer Cell Qualified FBS

TBS8015: PBMC qualified FBS

TBS8016: Freezing Medium