

D-PBS, 10X Concentrate (Without Ca⁺⁺ and Mg⁺⁺)

Dulbecco's phosphate-buffered saline, 10X concentrate, without calcium and magnesium

Catalog #37354

500 mL

Product Description

Dulbecco's phosphate-buffered saline (D-PBS) can be used as a temporary diluting, washing, irrigating, or transporting solution for cell or tissue culture. It provides a buffering system to maintain the physiological pH range and osmotic balance of the culture medium and provides cells with a source of water and essential inorganic ions.

This product is supplied as a 10X stock solution for the preparation of D-PBS. This product does not contain calcium (Ca⁺⁺) or magnesium (Mg⁺⁺). The pH range of this solution is 6.8 - 7.2.

Properties

Stability and Storage: Store at 15 - 25°C. Stable until expiry date (EXP) on label.

Directions for Use

Mix 1 part 10X D-PBS with 9 parts sterile, high-purity water to achieve a 1X D-PBS solution. For example, mix 100 mL of 10X D-PBS and 900 mL of water. Following dilution to 1X D-PBS, solution should be stored at room temperature (15 - 25°C) and filter-sterilized if required.

NOTE: Precipitation of salts may occur if stored at 2 - 8°C. If precipitate appears, place D-PBS in a 37°C water bath with occasional shaking until completely dissolved.

This product does not contain antibiotics. If desired, add antibiotics and use within 1 week.

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