

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



Scientists Helping Scientists™ | WWW.STEMCELL.COM

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

INFO@STEMCELL.COM • TECHSUPPORT@STEMCELL.COM

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

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

Storage: Store at 15 - 25°C.

Shelf Life: Stable until expiry date (EXP) on label.

Handling / 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.

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485. PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2017 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Canada Inc. All other trademarks are the property of their respective holders. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.