

For Research Use Only. Not For Use In Diagnostic Procedures

Version 2.0

磷酸盐缓冲液 (无菌) 20 X

Sterilized Phosphate-Buffered Saline 20X

Not to eat Store at room temperature



Cat.No.MG315020S

Size : 1x500ml & 10x500ml

Technical literature is available at:

www.mesgenbio.com. E-mail MesGen Technical Services if you have questions on use of this system: tech@mesgenbio.com

Description

Phosphate-Buffered Saline (1XPBS) is a balanced salt solution used for a variety of cell culture applications, such as washing cells before dissociation process, transporting cells or tissue, diluting cells for counting, and preparing reagents. PBS is formulated without calcium and magnesium for rinsing chelators from the culture before cell dissociation.

Composition

NaCl	160.0g/L	2.74 mol/L
KCl	4.0g/L	53 mmol/L
Na ₂ HPO ₄ •12H ₂ O	72.6g/L	200 mmol/L
KH ₂ PO ₄	4.8g/L	35 mmol/L

Without Phenol Red, Calcium, Magnesium
pH 7.2-7.4

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产品简介

磷酸盐缓冲液(Phosphate-Buffered Saline,PBS)是生物化学研究中使用最为广泛的一种平衡盐溶液,主要成分为Na₂HPO₄、KH₂PO₄、NaCl和KCl。PBS缓冲液常用于组织块的漂洗、细胞的洗涤、细胞或组织的运输、其他试剂的配制以及作为细胞计数的稀释液等。

灭菌方式

高温高压湿热灭菌121°C 30min & 0.22微米滤膜过滤。

使用方式

加严格无菌的超纯水稀释到 1x 后使用。(为保证无菌效果,强烈建议再次高温湿热灭菌稀释后缓冲液,以避免稀释过程中的微生物污染风险)

产品状态

室温下无色清澈液体(如有晶体沉淀,建议65°C水浴融化,沉淀晶体的出现并不影响产品性状及品质)

保存条件

室温(如低温保存,易引起晶体沉淀,建议65°C水浴融化,沉淀晶体的出现并不影响产品性状及品质)

产品仅供科学研究 禁止用于临床诊断