

User Manual

OriCell™ Phosphate-Buffered Saline Solution (1X)

Catalog No. PBS-10001



Introduction

OriCell™ Phosphate-Buffered Saline Solution (1X) contains sodium chloride, potassium chloride, disodium hydrogen phosphate, and potassium dihydrogen phosphate. It does not contain phenol, calcium chloride and magnesium chloride. This PBS solution is isotonic and non-toxic to cells, making it suitable for various applications such as diluting substances or washing cells.

OriCell™ Phosphate-Buffered Saline Solution is provided as a ready-to-use 1X stock solution with a pH of 7.2–7.4.

Note: This product is only provided for further scientific research. It is not intended for diagnostic, therapeutic, clinical, household, or any other applications.

When citing our products in academic journals, please indicate “OriCell™ + Catalog Number, from Cyagen Biosciences (Guangzhou) Inc.”

Product Information

Ingredient	Content (g/L)	Final Concentration (mM)
Sodium Chloride (NaCl)	8.00	137.931
Potassium Chloride (KCl)	0.20	2.667
Sodium Phosphate Dibasic (Na ₂ HPO ₄ ·12H ₂ O)	1.15	8.098
Potassium Phosphate Monobasic (KH ₂ PO ₄)	0.20	1.470

QC

- Pass the detection of bacteria, fungi, mycoplasma and endotoxins.
- Pass the detection of osmotic pressure and pH.
- Pass the detection of product quality.

Please reference "COA" for details.

Product Stability and Storage Conditions

1. This reagent should be stored at 2–8°C. It has a shelf life of 1 year.
2. If the reagent will not be used up immediately, it is recommended to aliquot and store it to avoid repeated freeze-thaw cycles.
3. Please use product within the expiration date. Expired ingredients may significantly affect the cell culture effect.

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