

User Manual

OriCell™ Hank's Balanced Salt Solution (1X)

Catalog No. HBSS-10001



Introduction

OriCell™ Hank's Balanced Salt Solution (1X) is a buffer solution widely used in cell biology research experiments. It can not only be used as cell washing solution, cell separation buffer, and cell or tissue transfer buffer, but also can be used as a biological protein reagent buffer. In addition, HBSS without calcium and magnesium ions can be used for resuspension after cell digestion.

OriCell™ Hank's Balanced Salt Solution (1X) is a ready-to-use 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)
Potassium Phosphate Monobasic (KH_2PO_4)	0.060	0.441
Sodium Phosphate Dibasic ($\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$)	0.048	0.338
Potassium Chloride (KCl)	0.400	5.333
Sodium Chloride (NaCl)	8.000	137.931
Sodium Phosphate Dibasic (NaHCO_3)	0.350	4.167
D-Glucose	1.000	5.555
HEPES	3.570	15.000
Sodium Pyruvate	0.110	1.000

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 needs to be stored at 2~8°C, and the shelf life is 1 year.
2. If it cannot be used up in a short time, it should be stored in separate packages to avoid repeated freezing and thawing.
3. Please use product within the expiration date. Expired ingredients may significantly affect the cell culture effect.

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