

Product Information

Hanks' Balanced Salts Solution
with Ca & Mg, w/o Phenol Red
sterile-filtered
Cat. No. HBSS-1A (500 ml)

General Information

Hank's Balanced Salt Solution (HBSS) is used for a variety of cell culture applications, such as rinsing cells, transporting cells or tissue samples, diluting cells for counting, and preparing reagents. The essential function of a balanced salt solution is to maintain pH and osmotic balance as well as providing cells with water and essential inorganic ions. Formulations with calcium and magnesium are generally used as transport media, or for reagent preparation.

Product Specifications

Appearance	Clear liquid
Storage and shelf life	Store at +2°C to +25°C upon arrival. Once opened store at +2°C to +25°C and use within 24 months.
Shipping conditions	Ambient

Formulation

Components	Concentration mg/L
CaCl ₂ 2H ₂ O	185
D-Glucose	1000
KCl	400
KH ₂ PO ₄	60
MgSO ₄	98
NaCl	8000
NaHCO ₃	350
Na ₂ HPO ₄	48

Precautions and Disclaimer

This product is for research use and further manufacturing only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).