

Hank's Balanced Salt Solution without Ca²⁺ and Mg²⁺
ORDER INFORMATION

Name of Products: Hank's Balanced Salt Solution (HBSS, w/o Ca²⁺ and Mg²⁺)
Catalogue Number: **cAP-11**
Product Format: 100ml in frozen solution (-20°C)

Product Description: Hank's Balanced Salt Solution (HBSS, **cAP-25**) is composed of inorganic salts and is supplemented with glucose. It is used to maintain cells in a viable state, rather than promoting their growth. The solution may be used to wash cells and tissue. Because the solution is buffered with phosphate, it maintains a physiological pH and osmotic pressure. HBSS without Ca²⁺ and Mg²⁺ (**cAP-11**) is designed to wash cells before cell subculture. The solution is sterile filtered through a 0.2µm membrane filter.

Formulation

Inorganic Salts	g/L
CaCl ₂ dihydrate	0
MgSO ₄ (anhydrous)	0
KCl	0.4
KH ₂ PO ₄ (anhydrous)	0.06
NaHCO ₃	0.35
NaCl	8.0
Na ₂ PO ₄ (anhydrous)	0.04788
Other	
D-Glucose	1.0

Specifications

pH	7.4 ± 0.2
Osmolality (mOsm)	290 ± 20
Cell Culture Test	Pass
Endotoxin (EU/ml)	<0.1
Sterility	Pass

Storage: Stored at -20°C for long term storage and once thawed, keep it in a refrigerator at 2-8°C.

Related Products

Quick Coating Solution	cAP-01	240ml	Angio-Proteomie
Cell Freezing Solution (FBS)	cAP-22	50ml	Angio-Proteomie
Cell Freezing Solution (Non-FBS)	cAP-22B	50ml	Angio-Proteomie
HBSS w/o Ca ²⁺ , Mg ²⁺	cAP-11	100ml	Angio-Proteomie
Trypsin/EDTA Solution	cAP-23	100ml	Angio-Proteomie
Trypsin Neutralization Solution	cAP-28	100ml	Angio-Proteomie
ITS (100x)	cAP-26	10ml	Angio-Proteomie
L-Glutamine-MAXIMUM (100x)	cAP-27	100ml	Angio-Proteomie
Human Plasma Fibronectin Solution	cAP-42	1mg/ml	Angio-Proteomie
Bovine Type I Collagen Solution	cAP-17	100mg	Angio-Proteomie

THESE PRODUCTS ARE FOR RESEARCH USE ONLY

Caution: Handling human and animal tissue derived products is potentially bio-hazardous. Although each cell strain is tested negative for HIV, HBV and HCV DNA, or pathogens, diagnostic tests are not necessarily 100% accurate; therefore proper precautions must be taken to avoid inadvertent exposure. Always wear gloves and safety glasses when working with these materials. Never mouth pipette. We recommend following the universal procedures for handling products of human origin as the minimum precaution against contamination.