

Hank's Balanced Salt Solution (HBSS)

Catalogue No.: abx295002

Hank's Balanced Salt Solution (HBSS) is a physiological solution that combines the properties of a buffer solution, saline solution and culture medium, by regulating pH, maintaining cell osmotic pressure and providing nutrients.

This product does not contain calcium, magnesium or phenol red, making it suitable for experiments involving measurement of calcium or magnesium ions.

Target:	Hank's Balanced Salt Solution (HBSS)
Form:	Liquid
Purification:	Sterilized by 0.22 µm filtration.
Storage:	Store between 2-30 °C.
Validity:	Up to 36 months.
Buffer:	pH 7.2-7.4, containing 1000 mg/L D-Glucose, 3500 mg/L NaHCO ₃ , 8000 mg/L NaCl. Does not contain Phenol Red, Ca ²⁺ , Mg ²⁺
Concentration:	1X
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.
Directions for use:	<p>This product may be used directly without dilution.</p> <p>Use aseptic techniques to avoid contamination.</p> <p>The concentration of NaHCO₃ in this product is very low and is not suitable for a 5% CO₂ environment, as the solution would become acidic in short timeframe.</p>