

HBSS, Modified (Without Ca⁺⁺ and Mg⁺⁺)



Hanks' Balanced Salt Solution (HBSS) without calcium and magnesium

Catalog # 37250 500 mL

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Product Description

Hanks' Balanced Salt Solution (HBSS) can be used for diluting, washing or irrigating, or as a transporting solution for cell or tissue culture. It provides a buffering system to maintain the physiological pH range and osmotic balance of culture media and provides cells with a source of water and essential inorganic ions, as well as a carbohydrate energy source.

This product contains sodium bicarbonate and phenol red. This product does not contain calcium (Ca⁺⁺) or magnesium (Mg⁺⁺).

See Formulation on page 2 for a full list of components.

Properties

- Storage:** Store at 15 - 25°C.
- Shelf Life:** Stable until expiry date (EXP) on label.
- Contains:**
- Phenol red
 - Sodium bicarbonate
 - Other ingredients

Handling / Directions For Use

This product does not contain antibiotics. If desired, add antibiotics and use within 1 week.

Formulation

INORGANIC SALTS	g/L
Potassium chloride	0.4
Potassium phosphate monobasic (anhydrous)	0.06
Sodium chloride	8.0
Sodium phosphate dibasic•7H ₂ O	0.09
OTHER	g/L
D-Glucose	1.0
Phenol red•Na	0.011
Sodium bicarbonate	0.35

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