

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

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

Catalog #37250

500 mL

Product Description

Hanks' Balanced Salt Solution (HBSS) can be used for diluting, washing, 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, and a carbohydrate as an energy source.

This product contains sodium bicarbonate and phenol red. This product does not contain calcium (Ca⁺⁺) or magnesium (Mg⁺⁺). See Properties for a full list of components.

Properties

Stability and Storage: Store at 15 - 25°C. Stable until expiry date (EXP) on label.

Contains:

INORGANIC SALTS:

- Potassium chloride (0.4 g/L)
- Potassium phosphate monobasic (anhydrous; 0.06 g/L)
- Sodium chloride (8 g/L)
- Sodium phosphate dibasic•7H₂O (anhydrous; 0.09 g/L)

OTHER:

- D-glucose (1 g/L)
- Phenol Red•Na (0.011 g/L)
- Sodium bicarbonate (0.35 g/L)

Directions for Use

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

PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED. FOR ADDITIONAL INFORMATION ON QUALITY AT STEMCELL, REFER TO WWW.STEMCELL.COM/COMPLIANCE.

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