

# HBSS, Modified (without Ca++ and Mg++)

## Hanks' Balanced Salt Solution (HBSS) Without Calcium and Magnesium

Catalog # 37250

500 mL



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FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.

## 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 the 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:**

- HBSS without Ca++ and Mg++
- Phenol red

## 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 <sub>2</sub> O | 0.09  |
| OTHER                                      | g/L   |
| D-Glucose                                  | 1.0   |
| Phenol Red•Na                              | 0.011 |
| Sodium Bicarbonate                         | 0.35  |

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