

# HBSS with 10 mM HEPES, Without Phenol Red

**Hanks' Balanced Salt Solution (HBSS) modified with 10 mM HEPES, without phenol red**

Catalog # 37150                      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 the culture medium and provides cells with a source of water and essential inorganic ions, as well as a carbohydrate energy source.

This product is supplemented with 10 mM HEPES and sodium bicarbonate. This product does not contain phenol red or antibiotics.

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

## Properties

**Storage:** Store at 2 - 8°C.

**Shelf Life:** Stable until expiry date (EXP) on label.

## Handling / Directions For Use

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

## Formulation

<b>INORGANIC SALTS</b>	<b>g/L</b>
Calcium Chloride•2H <sub>2</sub> O	0.185
Magnesium Sulfate (anhydrous)	0.09767
Potassium Chloride	0.4
Potassium Phosphate Monobasic (anhydrous)	0.06
Sodium Chloride	8.0
Sodium Phosphate Dibasic (anhydrous)	0.04788
<b>OTHER</b>	<b>g/L</b>
D-Glucose	1.0
HEPES	2.38
Sodium Bicarbonate	0.35

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