

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

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

Catalog # 37250

500 mL



Scientists Helping Scientists™ | [WWW.STEMCELL.COM](http://WWW.STEMCELL.COM)

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

[INFO@STEMCELL.COM](mailto:INFO@STEMCELL.COM) • [TECHSUPPORT@STEMCELL.COM](mailto:TECHSUPPORT@STEMCELL.COM)

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

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

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485. PRODUCTS ARE FOR RESEARCH USE ONLY AND NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES UNLESS OTHERWISE STATED.

Copyright © 2016 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, and Scientists Helping Scientists are trademarks of STEMCELL Technologies Inc. All other trademarks are the property of their respective owners. While STEMCELL has made all reasonable efforts to ensure that the information provided by STEMCELL and its suppliers is correct, it makes no warranties or representations as to the accuracy or completeness of such information.