

## HBSS with Calcium, Magnesium; w/o Phenol Red

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Hanks Balanced Salt Solution (HBSS) is the most common salt solution or phosphate buffers used in cell separation or culture. It has the functions of maintaining osmotic pressure, maintaining pH stability, and providing simple nutrition. Therefore, it can be used for rinsing tissue blocks, organs or cells in in vitro experiments; transport of cells or tissues, preparation of reagents for cell culture and as a diluent for cell counting, etc.

This product is sterilized by 0.1um filter, pH 7.2-7.5@25°C, and it contains:

D-glucose (1000mg/mL; 5.55mM)

KCl (400mg/mL; 5.36mM)

KH<sub>2</sub>PO<sub>4</sub> (60mg/mL; 0.44mM)

NaCl (8000mg/mL; 137mM)

NaHCO<sub>3</sub> (350mg/mL; 4.17mM)

Na<sub>2</sub>HPO<sub>4</sub>•12H<sub>2</sub>O (121mg/mL; .34mM)

CaCl<sub>2</sub> (140mg/mL; 1.26mM)

MgCl<sub>2</sub>•6H<sub>2</sub>O (100mg/mL; 0.49mM)

MgSO<sub>4</sub>•7H<sub>2</sub>O (100mg/mL; 0.4mM)

and, it does not contain phenol red

Catalog No.	523012
Size	500mL
Product Category	Cell Culture Reagent
Storage/Stability	2 ~ 8°C/2 years
Shipping	Ambient