



Hanks' Balanced Salt Solution (HBSS), with Ca & Mg, without Phenol Red

Hanks' Balanced Salt Solution (HBSS) is a buffered salt solution. It is used in a variety of cell culture applications, such as preparation of cells or maintenance of physiological pH.

Cat-No:
Volume:
Storage:
Sterility:

HBSS-1A
500 ml
+2°C to +25°C
Sterile-filtered

Description

Hanks' Balanced Salt Solution (HBSS) with Ca & Mg, without Phenol Red is used for various cell culture applications, such as rinsing cells, transporting cells or tissue samples, diluting cells for counting, and preparing reagents. The essential function of a balanced salt solution is to maintain pH and osmotic balance, as well as providing cells with water and essential inorganic ions.

When using Hanks' Balanced Salt Solution (HBSS) as a **buffer**, it is able to neutralize small amounts of acid or base. This acts as a stabilizer to maintain the pH level of a solution.

Formulations of HBSS **with calcium and magnesium** are generally used as transport media or for reagent preparation.

Other product variants

Below you will find all other available variants for this product.

Article	Volume	Cat-No.
Hanks' Balanced Salt Solution (HBSS), without Ca & Mg, without Phenol Red	500 ml	HBSS-2A
Hanks' Balanced Salt Solution (HBSS), without Ca & Mg, with Phenol Red	500 ml	HBSS-3A

Downloads



[Product Info_HBSS-1A_V000](#)



[MSDS_HBSS-1A](#)

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