HBSS, Hanks' Balanced Salt Solution

(1×, Without Phenol Red) (pH 7.2-7.4)

Cat #: A-CSH755

Size: 500mL

Storage: Room temperature (12 months)

Product Description

Hanks' Balanced Salt Solution (HBSS) is one of the most commonly used phosphate buffer solutions. It is composed mainly of sodium chloride, potassium chloride, monosodium phosphate, disodium phosphate, sodium bicarbonate, glucose, and contains calcium and magnesium ions. The pH is generally maintained at 7.2-7.4.

Hanks' Balanced Salt Solution (HBSS) (1×, without phenol red) is a calcium and magnesium-containing solution without phenol red. It is prepared using distilled ultrapure water with a pH of 7.4. It undergoes strict filtration and sterilization to ensure low endotoxin content. It can be used for the preparation of various calcium and magnesium-free or low calcium and magnesium cell culture solutions, as well as for tissue and cell rinsing and digestion using enzymes such as trypsin and EDTA. It can be used directly.

Notes

1. No need for preparation, ready to use. During the process of cell culture, sterile techniques should be employed to prevent microbial contamination during cell washing.
2. Hanks' Balanced Salt Solution (HBSS) (1×, without phenol red) may form precipitates due to the presence of calcium ions. If precipitation occurs, the solution can be placed in a warm bath to dissolve the precipitate. However, if significant precipitation occurs, the solution should be discarded.
3. This product has been filtered and sterilized through a 0.22μm filter.
4. For your safety and health, please wear laboratory attire and disposable gloves while handling the solution.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.