

HEPES Buffer (1× HCMF, Calcium And Magnesium-Free)

Cat #: A-CSH423

Size: 500mL

Storage: 2-8°C (3 months)

Product Description

HEPES, also known as 4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid, has a Chinese name N-(2-Hydroxyethyl)piperazine-N'-2-sulfonic acid. It is a zwitterionic buffering agent that effectively controls pH within a specific range and possesses good buffering capacity. A concentration of 20mmol/L HEPES in the culture medium provides good buffering capacity.

HEPES Buffer (1× HCMF, without calcium and magnesium) is a commonly used solution in cell-cell adhesion experiments. It mainly consists of HEPES, sodium chloride, potassium chloride, phosphate, glucose, and other components. The pH is 7.4 (customizable), and the solution has been sterilized by filtration. It is particularly suitable for cell washing during short-term aggregation cultures and can also be used for other purposes.

Usage

Operate according to the specific requirements of the experiment, mainly used for cell washing, similar to PBS.

Notes

1. Pay attention to aseptic techniques and try to avoid contamination.
2. For your safety and health, please wear lab coat and disposable gloves during operation.

Disclaimer

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