

Tris-HCl Buffer (0.05mol/L, pH 7.0-9.0, Sterile)

Cat #: A-CSH546

Size: 500mL

Storage: Room temperature (12 months)

Product Description

Tris (Tris(hydroxymethyl)aminomethane) is a weak base with a pK around 10.5 in its aqueous solution. By adding hydrochloric acid, the pH can be adjusted to the desired value to obtain the corresponding buffer solution. The effective buffering range of Tris buffer is between pH 7.0 and 9.2, with commonly used pH values of 6.8, 7.4, 8.0, and 8.8. Tris-HCl is one of the most commonly used reagents in molecular biology. It serves as a fundamental component in various buffer solutions and helps in adjusting acidity, such as preparing Tris-EDTA solution and TBE electrophoresis buffer. Tris-HCl Buffer (0.05mol/L, pH 7.0~9.0, sterile) is prepared using imported Tris and deionized water. It undergoes high-pressure sterilization treatment and is widely used as a solvent for nucleic acids and proteins.

Usage

Follow the specific requirements of your experiment.

Notes

1. It may cause irritation to the human body, so please take appropriate precautions.
2. For your safety and health, please wear lab attire and disposable gloves while handling.

Disclaimer

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