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Datasheet for ABIN925545 **10X TE (pH 8.0)**

Overview

Quantity: 1 L

Product Details

Characteristics: Sterilization: Sterile Aseptic Filter

Application Details

Application Notes: TE buffer is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. This buffer consists of 100 mM Tris HCl and 10 mM EDTA at a pH of 8.0. Meticulously prepared using ultra pure reagents dissolved in DEPC treated molecular biology grade water.

Comment: TE buffer is a commonly used buffer solution in molecular biology, especially in procedures involving DNA, cDNA or RNA. "TE" is derived from its components: Tris, a common pH buffer, and EDTA, a molecule that chelates cations like Mg²⁺. The purpose of TE buffer is to solubilize DNA or RNA, while protecting it from degradation.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 10X

Storage: RT