



Specification Sheet

Dyna Scientific™

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TE Buffer (50X Concentrate)

Catalog #:

T0003.1L	1L of 50X Concentrate, pH 8.0
T0003.10L	10L of 50X Concentrate, pH 8.0
T0003.20L	20L of 50X Concentrate, pH 8.0
T0004.1L	1L of 50X Concentrate, pH 7.5
T0004.10L	10L of 50X Concentrate, pH 7.5
T0004.20L	20L of 50X Concentrate, pH 7.5

Description:

TE buffer is a commonly used buffer solution in molecular biology, especially in procedures involving DNA or RNA. TE buffer is provided as a 50x concentrate, after diluting 49:1 in reagent grade water the working solution contains 10mM Tris and 1mM EDTA. The purpose of TE buffer is to protect DNA or RNA from degradation. Based on nuclease studies the pH is usually adjusted to 7.5 for RNA and 8.0 for DNA. The respective DNA and RNA nucleases are supposed to be less active at these pH values. But pH 8.0 can safely be used for storage of both DNA and RNA.

Appearance:

Clear liquid

Storage Conditions:

Store at room temperature.

Health And Safety:

See MSDS

Instructions for Use:

Dilute 49:1 with reagent grade water for working solution.

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