



Specification Sheet

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TAE Buffer (50X Concentrate)

Catalog #:

T0005.1L	1L of 50X Concentrate, pH 8.3
T0005.10L	10L of 50X Concentrate, pH 8.3
T0005.20L	20L of 50X Concentrate, pH 8.3

Description:

TAE buffer is a buffer solution used in agarose electrophoresis, typically for the separation of nucleic acids such as DNA and RNA. It is made up of Tris-acetate buffer, usually at pH 8.0, and EDTA, which sequesters divalent cations. TAE has a lower buffer capacity than TBE, but linear, double stranded DNA runs faster in TAE. TAE Buffer is provided as a 50X concentrate, after 49:1 dilution with reagent grade water the working solution contains 40mM Tris, 1.14mL/L Acetic Acid, and 2mM EDTA.

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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