

Data sheet

10X Tris-EDTA Buffer (TE), pH 7.4

Cat. No: BR011 → 1 pouch (1000 mL/pouch)

Cat. No: BR012 → 5 pouch (1000 ml/pouch)

Introduction

Tris-EDTA (TE) is a solution which contains a buffer, Tris and chelating agent, EDTA.

EDTA avoids the degradation of DNA and RNA by kidnapping of magnesium or other divalent metal ions. Generally, TE is used to solubilize DNA and RNA, protecting it from degradation. Moreover, in immunohistochemical, formalin and other aldehyde fixation produce protein cross-link that masks the antigenic sites giving weak or false negative. With TE buffer breaks the protein cross-link, unmasks the antigenic and epitopes, therefore enhances staining intensity of antibodies.

Applications

- DNA and RNA procedures, as electrophoresis, storage, extraction, etc.
- Immunohistochemistry procedures.

Specifications

Chemicals: Analytical grade.

Format: Exactly pre-weighed powder mix.

Composition: 0.1 M Tris-HCl, 0.010 M EDTA

pH: 7.4 ± 0.05 at 25 °C

Shelf life: Three years after production date

Shipping and storage

TE buffer is shipped at room temperature. Store the product in a dry place at room temperature.

Directions for use

Dissolve one pouch in 1L of water. Stir until complete dissolution.

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