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DATA SHEET

Version: 2
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1. Identification

Product name **TE (10X) pH 7.4**
5 pouches (5 L)

Cat. No **BR0012**

2. Description

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 immunohistochemichal, 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.

Each pouch is formulated to prepare 1 L of a 10X concentrated solution when dissolved in distilled or deionized water.

3. Specifications

Chemicals: Analytical grade.
Format: Exactly pre-weighed powder mix.
Composition: 0.1 M Tris-HCl, 0.010 M EDTA pH: 7.4 ± 0.2 at 25 °C

4. Shipping and Storage specifications

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

5. Applications

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

6. Directions for use

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

7. Further information

Product Use Limitations This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

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