

Product Information Sheet

Tris-Borate-EDTA Buffer (TBE), pH 8.3, pHast Pack™ Buffers

Catalogue Number PPB009

Product Description

Contents of one pouch, when dissolved in 500 mL of ultrapure water, will yield a 1× solution containing 89 mM Tris-Borate, 2 mM EDTA, pH 8.3 at 25 °C. Contents tested to be DNAse, RNAse, Protease, and Nickase free. This product is suitable for use in electrophoresis applications

Application

TBE running buffer is most commonly used in DNA and RNA polyacrylamide gel electrophoresis. TBE is used with both non-denaturing and denaturing (7 M urea) gels. It is also routinely used for DNA automated sequencing gel. Tris-Borate-EDTA buffer has been used for pulsed-field gel electrophoresis (PFGE). Applied voltages of less than 5 V/cm are recommended for maximum resolution.

Storage and Stability

Store at room temperature. Product may naturally agglomerate but can be simply broken up within the pouch prior to use.

Precautions and Disclaimer

For R&D use only. Not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

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