

## 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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