

Ver.23091

## TBE Buffer (5X)

Cat.No.: ORT205

### Description

TBE Buffer is used for polyacrylamide and agarose gel electrophoresis. It is suited for DNA and RNA separation on longer run, higher voltage and amperage gel. Since borate in TBE Buffer is a strong inhibitor for many enzymes, TAE Buffer (Tris Acetate-EDTA Buffer, 50X, Cat. No. ORT204) is recommended when looking at enzymatic applications for the DNA sample.

### Contents and Storage

Contents	Storage
5X TBE Buffer	15 - 25 °C

### 1X Buffer Composition:

89mM Tris base  
89mM Boric acid  
2mM EDTA

### Applications

- Nucleic acid agarose and polyacrylamide gel electrophoresis.
- Agarose and polyacrylamide gel preparation.

### Note

- Buffer should be diluted with distilled water to a working concentration of 1X before use.
- Gently heat the solution if a precipitate is formed.