

Ver.23.04

TBE Buffer (10X)

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
10X 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.