

# 10× TBE Buffer

#M9031, 500 ml

## Store at RT

In total 1 bottle.

For Research Use Only

## Description

TBE (Tris-Borate-EDTA), 10× Concentration

Molecular Biology Grade

pH (1× Concentration, 25°C): 8.2-8.4

Ultra Pure Components

Protease-, DNase-, RNase-free

10× liquid concentrate can be used to easily prepare a 0.5× working solution by diluting with distilled, deionized water.

TBE buffer is commonly used in all DNA electrophoresis applications (both for acrylamide and for agarose gels), including sequencing. In general, TBE buffer offers better resolution of fragments less than 1,500 bp; TBE is better suited for high-voltage (>150V) electrophoresis because of its higher buffering capacity and lower conductivity than TAE.

## Prepare a Working Solution of TBE

TBE should be diluted to 0.5× prior to use in electrophoresis.

Please change the buffer regularly.