



## 50x TBE

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TBE buffer is a nucleic acid electrophoresis buffer commonly used in native conditions. It has a good buffering capacity and shows good results when separating DNA fragments smaller than 1 kb. It is also suitable for long-time electrophoresis. TBE buffer has a high electroosmosis effect with agarose gel and forms tetrahydroxy borate complexes with the agarose through noncovalent binding, which impairs the DNA recovery rate. Thus, TBE buffer is not recommended for recovering DNA from agarose gel after electrophoresis.

The TBE buffer is supplied in 50x concentration and should be diluted prior to use in electrophoresis.

Catalog No.	530014
Size	500mL
Product Category	Nucleic Acid Electrophoresis
Storage/Stability	Ambient/1 year
Shipping	Ambient