

## 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.

This TBE appears as white instant granules. Each pouch makes 1 L of 1x TBE solution conveniently with a simple procedure. TBE is composed of Tris, boric acid and EDTA. The final concentration of the 1x solution is 89 mM Tris, 89 mM boric acid and 2 mM EDTA.

Catalog No.	530112
Size	10 x 1L
Product Category	Nucleic Acid Electrophoresis
Storage/Stability	Ambient/2 year
Shipping	Ambient