

TBE Buffer (10X) pH 8.3

Description: TBE is used to prepare agarose gels and as an electrophoresis running buffer for the separation of DNA and RNA in agarose and polyacrylamide gels. Diluted solution contains Tris Base (0.089 M), Boric Acid (0.089 M), and EDTA (0.002 M). Reagent is manufactured using deionized/distilled water, and Dnase, Rnase, and protease free components. Product is filtered at 0.2 microns at the time of bottling.

Uses: Preparation of agarose gels.
Electrophoresis running buffer.

Limitations: Do not use past expiration date.
Discard if precipitate forms.

Availability:	REF	Volume
	TBR500	500 ml
	TBR999	1000 ml
	TBR010	10 liters

Storage: Store at 18-25° Centigrade.
Product is stable for up to 12 months from date of manufacture.

Procedure:


1. Dilute reagent (1 part TBE with 9 parts water) using only deionized and distilled water.
2. Replace diluted TBE buffer after 2-4 runs to maintain buffering capacity.

Precautions: Do not pipette by mouth.
Use good laboratory practice when handling.
Avoid contact with skin and eyes.

References:

1. Sambrook, J., Russell, D. "Molecular Cloning: A Laboratory Manual", 3rd edition. Cold Spring Harbor Laboratory Press. Pg 5.8, 5.43.

Storage: 18° C  25° C

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