

# Stock Solution



TD-S Revision 2.1

Creation Date: 6/9/2015

Revision Date: 2/7/2022

## 10x TBE Stock Solution

### Instructions

1. Weigh 108 g of Tris ([Tris, GoldBio Catalog # T-400](#) [CAS 77-86-1, mw. = 121.14]).
2. Add 55 g Boric Acid [CAS 10043-35-3, mw. = 61.83]).
3. Add 750 ml dH<sub>2</sub>O and dissolve completely.
4. Add 40 ml 0.5M (7.5 g) EDTA Disodium ([EDTA Disodium, GoldBio Catalog # E-210](#) [CAS 6381-92-6, mw. = 372.24]).
5. Fill to final volume of 1 L with dH<sub>2</sub>O. Store at room temperature.

**Note:** A 1:10 dilution of TBE Stock Solution with dH<sub>2</sub>O will create a 1x Working Solution. The buffer should have a final pH of ~8.3 and will not require adjustment.

**Note:** 1x TBE contains: 89mM Tris, 89mM borate and 2mM EDTA.

Gold Biotechnology

St. Louis, MO

Ph: (800) 248-7609

Web: [www.goldbio.com](http://www.goldbio.com)

Email: [contactgoldbio86@goldbio.com](mailto:contactgoldbio86@goldbio.com)