

Stock Solution



TD-S Revision 2.0

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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 ([Boric Acid, GoldBio Catalog # B-031](#) or [Boric Acid, ACS Grade, GoldBio Catalog # B-030](#) [CAS 10043-35-3, mw. = 61.83]).
3. Add 750 ml dH₂O and dissolve completely.
4. Add 40 ml 0.5 M (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 dH₂O. Store at room temperature.

Note: A 1:10 dilution of TBE Stock Solution with dH₂O 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.