

50x TAE Stock Solution

For each liter of solution:

- 242 g Tris Base (MW = 121.1)
- 57.1 mL Glacial Acetic Acid
- 100 mL 0.5 M EDTA

1. Mix Tris with stir bar to dissolve in about 600 mL of ddH₂O
2. Add EDTA and Acetic Acid
3. Bring the pH value to 7.8
4. Bring final volume to 1 L with ddH₂O
5. Store at room temperature

Note: Final (1x) working concentration

0.04 M Tris-Acetate

0.001 M EDTA

From: iGEM Bielefeld-CeBiTec