

## 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
- ◆ Mix Tris with stir bar to dissolve in about 600 mL of ddH<sub>2</sub>O
- ◆ Add EDTA and Acetic Acid
- ◆ Bring the pH value to 7.8
- ◆ Bring final volume to 1 L with ddH<sub>2</sub>O
- ◆ Store at room temperature
  
- ◆ Note: Final (1x) working concentration
  - ◇ 0.04 M Tris-Acetate
  - ◇ 0.001 M EDTA

From: [iGEM Bielefeld-CeBiTec](#)