

50X TAE (recipe makes 1L of 50X)

Reagents needed

242g Tris base

57.1mL Galatial acetic acid

37.2g Na₂EDTA.2H₂O

pH ~8.5

Making the Stock

To make 50X, add 600mL H₂O to a flask. Add Tris base and let dissolve. Add EDTA and acetic acid and stir until all components are in solution. Finally, transfer mixture to a 1L graduated cylinder and add water to make total volume 1L.

Making the Working Solution

To make the working solution, dilute TAE to 1X. (e.g., Add 20mL 50X TAE into 980mL H₂O.)