50x TAE Electrophoresis Buffer

Tris free base	242 g
Disodium EDTA	18.61 g
Glacial Acetic Acid	57.1 ml
DDI H_2O	to 1 l

Add the Tris free base and EDTA to approximately 700 ml DDI H_2O and stir until the Tris and EDTA are dissolved. Add the acetic acid and adjust the volume to 1 liter.

The 1x TAE solution is 40mM Tris, 20mM Acetate and 1mM EDTA and typically has a pH around 8.6 (do not adjust).