

50X TAE Stock Solution

For each litre 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 ddH₂O.
add the EDTA and Acetic Acid.
bring final volume to 1 L with ddH₂O.
store at room temperature.

Note: Final (1x) working concentration :

0.04 M Tris - Acetate
0.001 M EDTA

50X Modified TAE Stock Solution

For each litre of solution:

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

mix Tris with stir bar to dissolve in about 600 mL of ddH₂O.
add the EDTA and Acetic Acid, pH to 8.0.
bring final volume to 1 L with ddH₂O.
store at room temperature.

Note: Final (1x) working concentration :

0.04 M Tris - Acetate
0.0001 M EDTA