

50xTAE Buffer (= Tris-Acetate-EDTA Buffer, 1L)

“Tris” = 2-Amino-2-hydroxymethyl-1,3-propanediol, $\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3$, M_r 121.14

- dissolve 242g Tris in 500mL ddH₂O
- add 100mL 0.5M Na₂EDTA (pH 8.0) and 57.1mL glacial acetic acid
- adjust volume to 1L with ddH₂O
- store at room temperature