

## 50X TAE BUFFER PREPARATION (100 mL)

### MATERIALS REQUIRED:

Tris Base	24.2 g
Glacial acetic acid	5.71 ml
EDTA (0.5 M)	10 ml

### PROCEDURE:

- Weigh out 24.2 grams of Tris-base (MW = 121.14 g/mol) and dissolve in approximately 70 mL of Milli-Q water.
- Add 5.71 mL of 100 % glacial acetic acid and 10 mL of 0.5M EDTA.
- Adjust the solution to a final volume of 100 mL.
- Store stock solution at room temperature.