

TE buffer

10 mM Tris-Cl, pH 7.5
1 mM EDTA

Make from 1M stock of Tris-Cl (pH 7.5) and 500 mM stock of EDTA (pH 8.0).
10ml 1M Tris-Cl pH 7.5 per L
2ml 500mM EDTA pH 8.0

1M Tris (crystallized free base)

Tris(hydroxymethyl) aminomethane
FW 121.4 g/mol
60.57 g in 0.5L mq water
pH to 7.5 using HCl

0.5M EDTA

Diaminoethane tetraacetic acid
FW 372.2 g/mol
18.6 g in 100ml mq water
pH to 8.0 using NaOH

- EDTA will not be soluble until pH reaches 8.0
- Use vigorous stirring, moderate heat (if desired) and time