

Preparation of plasmid DNA (by Wizard midi column)

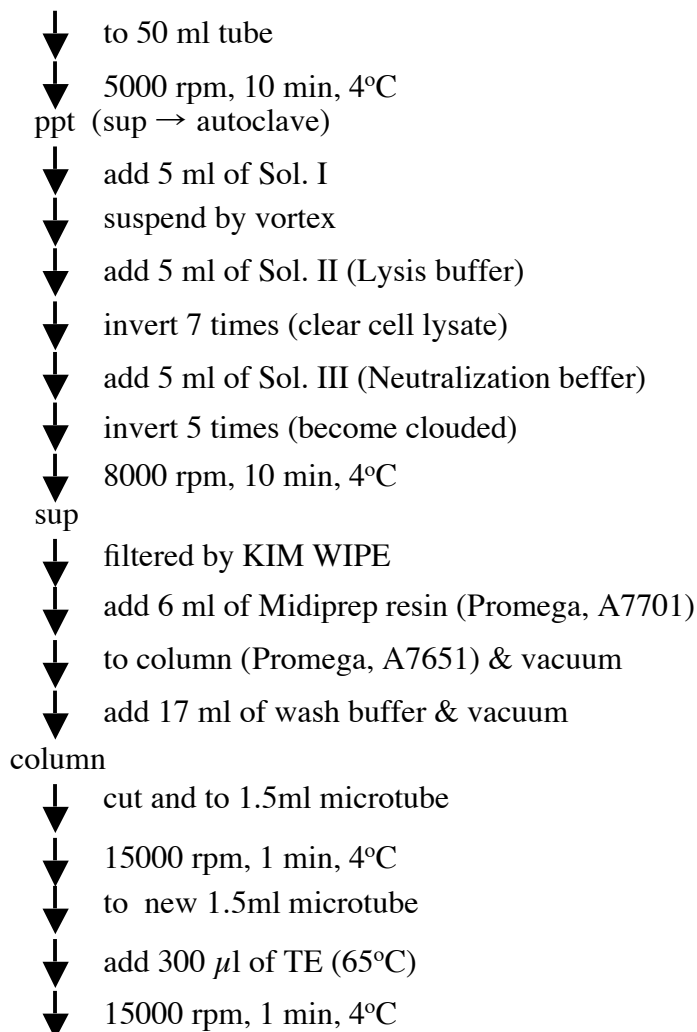
(Day1; **Bacteria culture**)

Colony (LB / Amp plate) → 50 ml of LB (or 2 x YT) / 50-100 $\mu\text{g/ml}$ of Ampicillin (Amp)
in 300ml conical flask

↓ Culture O/N (16-24 h)

(Day2; **Midi-prep**)

Bacteria in conical flask



Sol. I

50 mM Tris-HCl (pH 7.5)
10 mM EDTA
50-100 $\mu\text{g/ml}$ Rnase A

Sol. II

0.2M NaOH
1% SDS

Sol. III

1.32M KOAc (pH 4.8)

Quantification (1 : 100) & cut check