

10 minute minipreps from *E.coli*

1. Grow 2ml overnight culture in LB Amp. Spin down cells 1.4mls for 30s in microfuge. (Keep rest of cells at 4°C)
2. Aspirate off LB, leaving the last 50-100µl. Resuspend the cells in this.

From this point on, it is important to finish ASAP, and not to leave the cells too long in TENS (not more than 10 minutes)

3. Add 300µl TENS. Vortex 2-3s.
4. Add 150µl 3M NaOAc (pH 5.4). Vortex 2-3s. Spin for 2 minutes.
5. Take 500µl of supernatant to fresh tube containing 0.9ml 100% ethanol. (It is important not to take any of the pellet with the supernatant). Mix.
6. Spin 2 minutes. Aspirate off supernatant, spin for a couple of seconds and take off the last few µls with a P20. Wash the pellet with 1ml 70% ethanol. Spin for a couple of seconds and take off the last few µls with a P20. Dry pellet.
7. Resuspend in 20µl TE containing 20µg/ml RNase A. Store at -20°C. (Use 5µl for each restriction digest)

TENS

50

1X TE

0.5% SDS

2.5 / 107.

0.1M NaOH

0.5ml

Spin