

Setup Liquid Bacterial Cultures for Mini Prep

1. Determine the amount of LB+amp needed (4 mL per culture)
2. Turn flame on and keep on while setting up the cultures
3. Make up LB+amp by adding the following to a 50 mL conical tube:
 - a. LB (4 mL per culture)
 - b. 1000X Ampicillin (4 μ L per culture)
4. Add 4 mL of LB+amp to 14 mL Falcon snap-cap tubes (labeled) for each culture
5. Pick colonies using sterile toothpicks and place in culture tubes with LB+amp. It is important to only pick one single colony.
6. Incubate overnight (~16 hr) in 37°C shaker at 225-275 rpm.
7. The following morning remove tubes from incubator and pick out toothpick with forceps.
8. Spin down cultures in refrigerated, swinging-bucket, centrifuge at 4000 rpm at 4°C for 5 min. Make sure the rotor is balanced.
9. Pour off supernate and let excess liquid drain out by inverting tube onto a paper towel.
10. Proceed with mini prep kit instructions or freeze -20 °C