

Purpose: To grow bacteria containing the introduced plasmid

Overnight Cultures

1. Add about 5-7 mL of LB to a 25 mL Falcon tube along with 5-7 μ L of antibiotics (Chloramphenicol for pSB1C3; Kanamycin for pCB302; Ampicillin for DinolII)
2. Dip a p10 tip into your selected colony and drop into the tube
 - a. If using a glycerol stock, simply scrap some of the ice with the p10 tip and drop into the tube
 - i. NOTE: do NOT let the glycerol stock defrost!
3. Incubate in the water bath at 37° C at 220 rpm for 16-18 hours

Purpose: To save your cells with the introduced plasmid

Glycerol Stocks

1. Take 1 mL of 50% glycerol and 1 mL of the overnight culture (after incubation) and add to a glycerol stock tube.
2. Label with your name, date, and the contents and store in the -80° C freezer in CLSO 442