6/13/17

Tuesday, June 13, 2017 9:02 AM

Salma (9-11), Ayesha (10-)

Chemically transformed JO plasmid into DH5a E. Coli cells

1. 40uL of competent cells DH5a from –80, put on ice to thaw
2. Add 10uL of water to plasmid to resuspend
3. Add 5uL of plasmid JO (Kit Plate 3, 19J)
4. Added 125uL Calcium Chloride and 85uL of H20
5. Total volume should be 250uL
6. Let sit on ice for 30 mins
7. Heat shock at 42^{o}C for 1 minute
8. Place on ice
9. Add 1 mL SOC recovery broth
10. Transfer solution to 1.7mL tube
11. After all solutions have been made, place them in a flask and put on shaker in room for 1 hour at 250 rpm

To do:

- Make Cam (without IPTG) plates **See Making Agar Plates Protocol**
- Make more sterile water
- Make more LB broth **See Making LB Media Protocol. 1 Liter of LB media was made.**