

8/16/17 Successfully made competent cells!

Thursday, August 24, 2017 9:18 AM

Who's in lab: Ayesha, Salma, Jeff

OD of the starter cultures:

BL21--> 2.5 OD, (0.1295 Abs, we multiplied absorbance by 20 to get OD because we made 1/20 dilution of the starter culture to take measurements)

DH5a--> 4.5 OD (0.2264 Abs, we multiplied absorbance by 20 to get OD because we made 1/20 dilution of the starter culture to take measurements)

Two 250mL flasks of SOB media was made on 8/15/17. We diluted the starter cultures in the 250 mL SOB media to give a final approximate OD of 0.01 of the SOB media+ Starter culture solutions.

After about 2 hours, we took OD measurements again using Michelle and Tyler's spectrophotometer.

BL21 --> OD 0.46

DH5a--> OD 0.26

We tranferred the 250 mL SOB mixtures for DH5a and BL21 resepectively in to ten 50 mL conical tubes.

These tubes were placed on ice.

The tubes were spun down at 4 degrees for about 12 minutes.

....Jeff and Salma need to completet this part.