

14/08/2018

- 100 ml of luria broth and 100 ml of luria agar (LA + KAN) was made.
- 10 slants and plates of LA + KAN medium was prepared.
- Searching for IPTG
- Circuit design - Adding DpnC sequence in kill switch
- Interlab data discussion.

20/08/2018

- Spot inoculation of **catA and XylE in BL21** on st. M9+CS+IPTG and st. M9+CS plates.
- Isolation of CatA and XylE in BL21 on st.LA+Kan plates.
- IPTG induction for 6 hours of catA and xylE in BL21
- Induced and uninduced cells pooled from 5ml and stored at -20C.

Details of IPTG induction:

1. Culture incubated at RT for 48 hours.
OD after 48 hours - ~0.2
2. Cells induced in 5ml with 100uL of 100mM IPTG giving a final conc of 2mM
3. Cells induced for 6 hours from 7:30am to 1:30pm
4. Pooled by Centrifuging at 5000rpm for 15 mins
5. Stored at -20C