

INDUCTION PROTOCOL FOR TAC OVEREXPRESSION VECTORS

1. Grow cells to saturation overnight
2. Dilute cells 1:10 (200(in 2 ml) with LB amp and grow further 180min (3 hrs) at 37 degrees C.
3. Induce with 1mM final IPTG (100mM stock 23.8 mg/ml)
4. Grow 2 hours more at 37 degress C. (
5. Boil prep (see small scale protocol)
6. Western Blot.

(do time couse first to optimize overexpression time)

sample time course:

t= 0,30,60,90,120,... post induction

-protein begins to degrade past 2 hours