

Auto induction instead of IPTG induction (Organelle Lab)

A la twitter

Day 0

Preculture

LB+ appropriate antibiotics, supplemented w/ Glc @final 1%
@37oC, O/N, shacking

Day 1

Induction

Dilute preculture to 1:1000 w/ auto-induction medium (see below)
@37oC, 12h or 30oC, 24h*, shaking

*may need optimization, depend on protein to be induced

Auto-induction medium

	Total vol (ml)	1000ml	250ml
Final%	LB+antibiotics (ml)	910	227.5
final 0.6%	60% Glycerol** (ml)	10	2.5
final 0.05%	10% Glucose** (ml)	5	1.25
final 0.6%	8% Lactose** (ml)	75	18.75

100% Glycerol 1.5ml=1.9g

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