

SOP Name: Overnight Cultures

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Source(s): Adapted from Exeter 2015

Time Required: 10 minutes then incubate overnight

Materials:

- 50 ml falcon tube
- LB broth (610 ml)
- Glycerol stocks/cell colonies
- Correct antibiotic (1/1000 LB broth volume)

Procedure:

1. Under sterile conditions, pipette 610 ml of LB broth into a labelled Falcon tube.
2. Pipette 610 µl of correct antibiotic into the Falcon tube (1/1000 of LB broth volume).
3. Pick one colony, or scrape a small amount of glycerol stock out of the cryotube, with a pipette tip and drop it into the Falcon tube.
4. Incubate of 16-18 hours overnight at 37°C in the shaking incubator. Adjust the incubation time as required.