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# © E. coli Culture

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1 Works for me



dx.doi.org/10.17504/protocols.io.5jyl899o7v2w/v1

FSU iGEM

Bec18

**ABSTRACT** 

The abstract will be added later.

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PROTOCOL CITATION

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#### MATERIALS TEXT

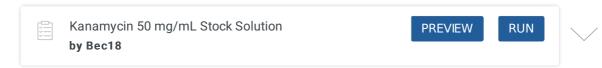
- **3 mL** LB medium
- Appropriate Antiobiotic
- 15 mL tube
- Thermomixer
- Agar plate with bacteria colonies
- 1 μL inocculation loop

#### BEFORE STARTING

A video if unfamiliar: https://youtu.be/TWt62pgAEh0

### Medium and Antibiotic Preparation 5m

1 Add **2 mL** (**3 mL** also acceptable) of LB medium and the appropriate antibiotic that selects for the target strain into a 15 mL tube.



5m

2 Place the 15mL tube in the ThermoMixer at 37°C, 300 rpm, for  $\, \circlearrowleft \,$  00:05:00  $\,$  .



**Retrieving Cells** 

3 Gather cells.

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3.1 Swab a single colony on the agar plate with a sterile 1µL inoculation loop.



3.2 OR Dip a sterile 10  $\mu$ L innoculation loop in a preexisting culture tube.

### Innnoculation

- 4 Innoculate the 15 mL tube with the loop.
- 5 Place the 15 mL tube in the thermomixer for 16 hours at 37°C and 300 rpm.