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Bacterial Media Preparation

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Protocol status: Working
 We use this protocol and it's working

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ABSTRACT

Protocol for the preparation of bacterial culture and recovery media, with options for several types of antibiotics.

Default scale - 1 L

MATERIALS

STEP MATERIALS

- Kanamycin Research Products International Corp (RPI) Catalog #K22000-25.0
- Ampicillin Research Products International Corp (RPI) Catalog #A40040-25.0
- LB Research Products International Corp (RPI) Catalog #L24400-2000.0
- Tryptic Soy Broth Fisher Scientific Catalog #DF0370-07-5

- 1 Select the type of media from the list below:
 Step 1 includes a Step case.
Luria broth (LB)

Tryptic soy broth (TSB)

step case

Luria broth (LB)

- 2 Add powdered LB (25 g) to deionized water (1 L)

LB Research Products International Corp (RPI) Catalog #L24400-2000.0

Note

n.b.

Particulates may remain after addition, but these will dissolve during the autoclave cycle

- 3 Autoclave using liquid cycle 00:15:00

- 4 Allow media to cool to 50 °C

- 5 Select antibiotic from the list below:
Step 5 includes a Step case.
Kanamycin
Ampicillin

step case

Kanamycin

6 Add 50 mg kanamycin and mix thoroughly

Kanamycin **Research Products International Corp (RPI) Catalog #K22000-25.0**