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Agar Plate Preparation V.1

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Working

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ABSTRACT

Default scale - 1 L (makes approx. 2.5 sleeves of plates)

STEPS MATERIALS

NAME ▾	CATALOG # ▾	VENDOR ▾
Agar	A10752-0E	Alfa Aesar
LB	L24400-2000.0	Research Products International (rpi)
Kanamycin	K22000-25.0	Research Products International (rpi)
Ampicillin	A40040-25.0	Research Products International (rpi)
Tryptic Soy Broth	DF0370-07-5	Fisher Scientific

1 Add powdered LB (25 g) and agar (15 g) to deionized water (1 L)



Agar

by Alfa Aesar

Catalog #: A10752-0E

CAS Number: 9002-18-0



LB

by Research Products International (rpi)

Catalog #: L24400-2000.0

CAS Number: 8013-01-2



n.b.

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

2 Autoclave using liquid cycle 🕒 00:15:00

3 Allow media to cool to 🌡 50 °C


4 Select antibiotic from the list below:

step case

Kanamycin

no description provided

5 Add 🧴 50 mg kanamycin and mix thoroughly



Kanamycin
by [Research Products International \(rpi\)](#)
Catalog #: K22000-25.0
CAS Number: 25389-94-0


6 Pour into sterile plates and allow to cool

step case

Ampicillin

no description provided

5 Add 🧴 100 mg ampicillin and mix thoroughly



Ampicillin
by [Research Products International \(rpi\)](#)
Catalog #: A40040-25.0
CAS Number: 69-52-3

6 Pour into sterile plates and allow to cool



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