

LB + Plate Protocol

Introduction

Get started by giving your protocol a name and editing this introduction.

Materials

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Procedure

1.

Bacterial Culture Solutions
LB Media
For 1L:

10 g	tryptone peptone
5 g	yeast extract
or	
5 g	NaCl
1 mL	1N NaOH
200 μ L	5M NaOH

- Add H₂O to 1L
- Autoclave to sterilize
- Store at RT until used

2.

store at RT until used

Pouring Culture Plates

- Prepare media as usual
 - TB → 8–10 hours of growth
 - LB → 12–16 hours of growth
- Add 1.5% (w/v) Bacto agar
- Autoclave to sterilize
- Cool to 50°C in a water bath
- Add antibiotic if necessary (e.g. 0.1 mg/mL ampicillin)
- Mix gently to avoid creating bubbles
- Pour immediately into petri dishes
- Cover partially with lids
- Allow to set at RT
- Store in sleeves at 4°C