

## LB/Amp plates and LB medium

Janes Lab Protocols

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### LB/Amp plates:

1. Prepare LB medium (see below) with **15 g/L** agar added before the autoclave cycle.
2. Allow the medium to cool to 50–60°C
3. Add **1 ml** of **1000x** ampicillin stock per liter of LB-agar (final concentration: 50 µg/ml). Mix well.
4. Pour **30-35 ml** onto each plate and allow to harden at room temperature.
5. Mark all plates with a black line to indicate LB/Amp.
6. Invert and store at 4°C in plastic sleeve. Mark your initials on the outside of the sleeve with the date.

### LB Media:

To 950 ml Milli-Q water, add:

20 g Tryptone

5 g Yeast Extract

10 g NaCl

Stir until dissolved. Adjust the final volume to **1 L**. Adjust pH to 7.0 with NaOH. Autoclave for **60 minutes** @ 15 psi on *liquid cycle*.