

Pouring of plates

This protocol aims at creating your own plates with desired antibiotics. It is more efficient than plating an antibiotic on an already-made plate. With 125mL of LB 2X and agar, this should allow to create about 8-10 plates. All must be sterile.

Procedure

- 1.** Melt the agar completely in a water bath.
- 2.** Allow it to cool down until you can hold it easily in bare hands. If too hot, the antibiotics would be damaged.
- 3.** Meanwhile, add 2.5mL of each desired antibiotic (100X) into the LB 2X bottle
- 4.** Mix the bottles in a sterile Erlen and pour immediately into sterile Petri dishes. All the surface should be covered but it doesn't need to be very thick.
- 5.** Allow them to cool down and solidify and store them at 4°C.

