

## Preparation of LB Agar plates

### Materials

1. LB Agar
2. Distilled water
3. Erlenmeyer
4. magnetic stirrer

### Protocol

1. Add LB agar- 40g to 1L.
2. Add 1L distilled water into Erlenmeyer
3. Cover Erlenmeyer with aluminum foil
4. Autoclave- liquid program (4)
5. Insert the magnetic stirrer
6. Wait until the LB cools down and add Ampicillin (1:1000 → if 500ml then add 500ul)
7. Pour the liquid into petri dishes (fill only  $\frac{3}{4}$  of the plate and shake it until the liquid covers the surface)
8. wait 15-20 min and put the plates UPSIDE DOWN in 4° (agar on top)