

LB AGAR + PLATES PREPARATION

ADAPTED FROM THE BONNET TEAM PROTOCOL REPOSITORY

PROTOCOL:

1. Warm up LB agar in microwave (for 200mL, microwave for 2 min, let it cool a little, then for 1 more min ; Don't forget to open a little the bottle).
2. Cool the medium by placing it on ice, placing the bottle under water or just wait under the hood. Let it cool down until you can touch it by hand without burning yourself.
3. Add the antibiotics needed according to the following table:

| Antibiotic | Stock Concentration | Solution for dilution of the stock | Working concentration | µL to put inside 200mL LB or LBa |
|-----------------------------|---------------------|------------------------------------|-----------------------|----------------------------------|
| Carbenicillin | 50mg/mL | H ₂ O | 50µg/mL | 200 |
| Kanamycin | 50mg/mL | H ₂ O | 25µg/mL | 100 |
| Kanamycin / Carbenicillin | | | 25/25µg/mL | 100 of each |
| Chloramphenicol | 25mg/mL | Ethanol 70° | 25µg/mL | 200 |
| Kanamycin / Chloramphenicol | | | 25/12.5µg/mL | 100 of each |

4. Mix without making bubbles, pour into the petri dishes and let them dry.
5. Write on the plate the date, your name, the medium name and the antibiotic name then place them inside a bag and put it at 4°C.