BACTERIAL CULTURE

Aim: In order to obtain a large amount of plasmid or cells, we need to grow the bacteria overnight.

Materials:

- Microbiology equipment: 37 °C incubator (static, and shaking), Bunsen burner, sterile loop, petri dishes with appropriate antibiotic on agar
- Antibiotics stock (carbenicillin 50 mg/ml, chloramphenicol 34 mg/ml)
- 25 ml flasks
- Carbenicillin 50 mg/ml
- Chloramphenicol 34 mg/ml
- LB medium

Protocol:

1. One colony is picked from the plates and shaken in 25 ml of LB supplemented with carbenicillin or chloramphenicol at 50 µg/ml or 34 µg/ml respectively.

2. The flask is placed in a shaking incubator at 37°C, 150 rpm overnight.