Glycerol stock

Time : 30 min

I. Principle

Bacterial glycerol stock are used for long term plasmid storage. This way, the plasmid will already be in the bacterial strain and we will not need to transform it again, do a colony PCR for selection and pre-culture.

II. Material

- 2 mL cryotubes
- Glycerol 80%
- Cell culture
- Sterile Tips
- 1000 µL pipette

III. Method

This experiment has to be done in sterile conditions (Bunsen burner or MSC) in order to avoid contaminations.

- In a 2 mL cryotube, **annotated with the name of the biobrick**, introduce :
  - **1 mL** of a novernight culture
  - **400 µL** of glycerol (80%)

- Mix gently to homogenize the solution
- Freeze the glycerol tube at **-80°C**.