

**iGEM TU/e 2017**  
Biomedical Engineering

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## Glycerol Stock

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# 1 Glycerol Stock

**Estimated bench time:** 5 minutes per sample

**Estimated total time:** 10 minutes per sample

**Purpose:** Preparing the bacteria for long term storage in the -80 °C freezer.

It is essential to work sterile, thus disinfect your hands and work near a Bunsen Burner. For working with liquid nitrogen it is important to wear Cryo gloves.

## 1.1 Materials

- Autoclaved glycerol (50%)
- Bacterial cultures
- Bunsen Burner
- CryoTubes
- Pipettes and tips

## 1.2 Setup & Protocol

- Fill CryoTubes with 900 µl 50% glycerol and 900 µl of the bacterial culture. Mix well.
- Snap freeze the samples in liquid nitrogen and transfer them to the -80 °C freezer.