



Molecular cloning and genetic engineering – Glycerol Stocks

● Aim

Because of the long experimental period, we need to prepare glycerol stocks for long-term storage of bacterial samples. A glycerol stock of bacteria can be stored stably at -80°C for many years.

● Materials

50% sterile glycerol

LB fluid medium

Cryovials or screw top tubes

● Procedure

1. Pipette 500 μL of the overnight bacterial culture and add it to 500 μL 50% sterile glycerol;
2. Mix the culture gently.
3. Freeze the glycerol stock tubes at -80°C .