

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 .