

Cryo-stock

Introduction

Once transformation has been successful it is common to create a liquid culture for further research. Follow this protocol for creating cryo-stocks from your liquid culture.

Materials

- Bunsen burner and matches
- 60% Glycerol
- Liquid culture
- Eppendorf tube

Procedure

Have a fresh inoculated liquid culture containing the organism you would like to store.

Add 500 μ L of your inoculated liquid culture to a 2 mL screw top tube.

500 μ L

Add 250 μ L of 60% glycerol to the screw top tube.

250 μ L

This creates a 20% Glycerol Stock.

Screw the top on the tube and mix by inversion several times so no layers are present in the mixture.

Place the mixed screw top tube into a -80 C Freezer.