

Glycerol Stock

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Abstract

Method to create a long-term stable store of organisms. Especially useful if you want to store already transformed versions of organisms to aid in future experiments.

Citation: Alan J. Cone Glycerol Stock. **protocols.io**

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Before start

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

Protocol

Step 1.

Add 600 uL of your inoculated liquid culture to a 2 mL screw top tube.

 [AMOUNT](#)

600 µl Additional info:

Step 2.

Add 200 uL autoclaved water to the screw top tube.

 [AMOUNT](#)

200 µl Additional info:

Step 3.

Add 200 uL glycerol to the screw top tube.

 [AMOUNT](#)

200 µl Additional info:

 [REAGENTS](#)

✓ Glycerol [G5516](#) by Contributed by users

 [NOTES](#)

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This creates a 20% Glycerol Stock.

Step 4.

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

Step 5.

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