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## Preparing a Bacterial Stock V.1

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**Protocol status:** Working


**We use this protocol and it's working**

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### Abstract

This protocol describes how to create a glycerol bacterial stock for long-term storage at  -70 °C .



## Materials

Cryotube.

P1000 and tips.

100% glycerol

Milli-Q water



-80 °C

freezer storage




Overnight

bacterial culture.






## Preparing Bacterial Stock

1 Produce an  Overnight culture of the desired strain.

2 Label cryotube lid and side of tube with with strain, date.

Create 30 % glycerol (3 parts glycerol by volume, 7 parts Millipore H2O by volume) then autoclave.

3 Make a 1:1 mix of 30 % glycerol and the O/N culture by adding  500  $\mu$ L O/N culture to  500  $\mu$ L 30% glycerol in the cryotube and gently mix via vortex.

4 Store at  -80 °C .