

FEB 10, 2023

# OPEN ACCESS

**Protocol Citation:** Andreas Sagen 2023. S. O. C. medium. protocols.io https://protocols.io/view/s-o-cmedium-cn5svg6e

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**Protocol status:** Working We use this protocol and it's working

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**PROTOCOL** integer ID:

76690

Keywords: SOB, SOC, Transformation, medium, recovery medium

## S. O. C. medium

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#### **ABSTRACT**

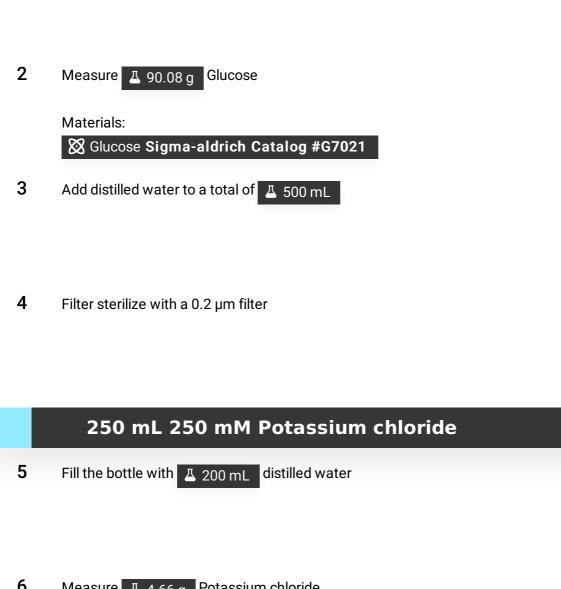
S.O.C. Medium is used in the final step of bacterial cell transformation to obtain maximal transformation efficiency of E. coli. S.O.C.

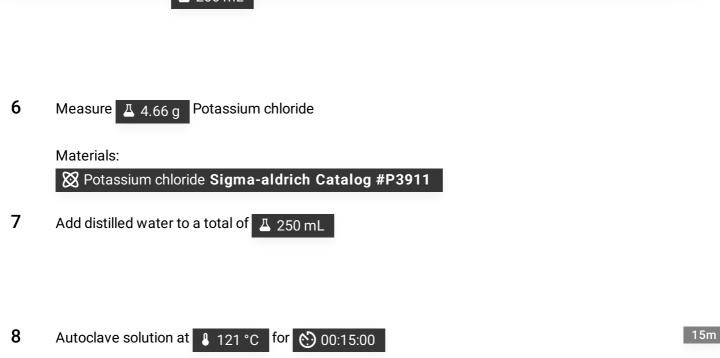
#### **MATERIALS**

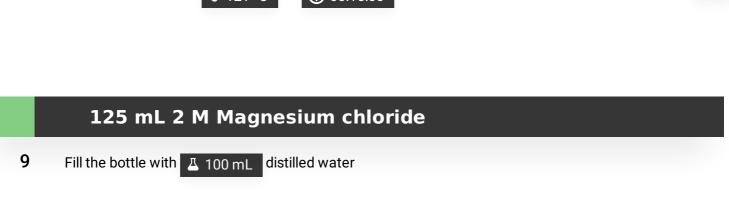
LAF bench Autoclave Filter unit Scale

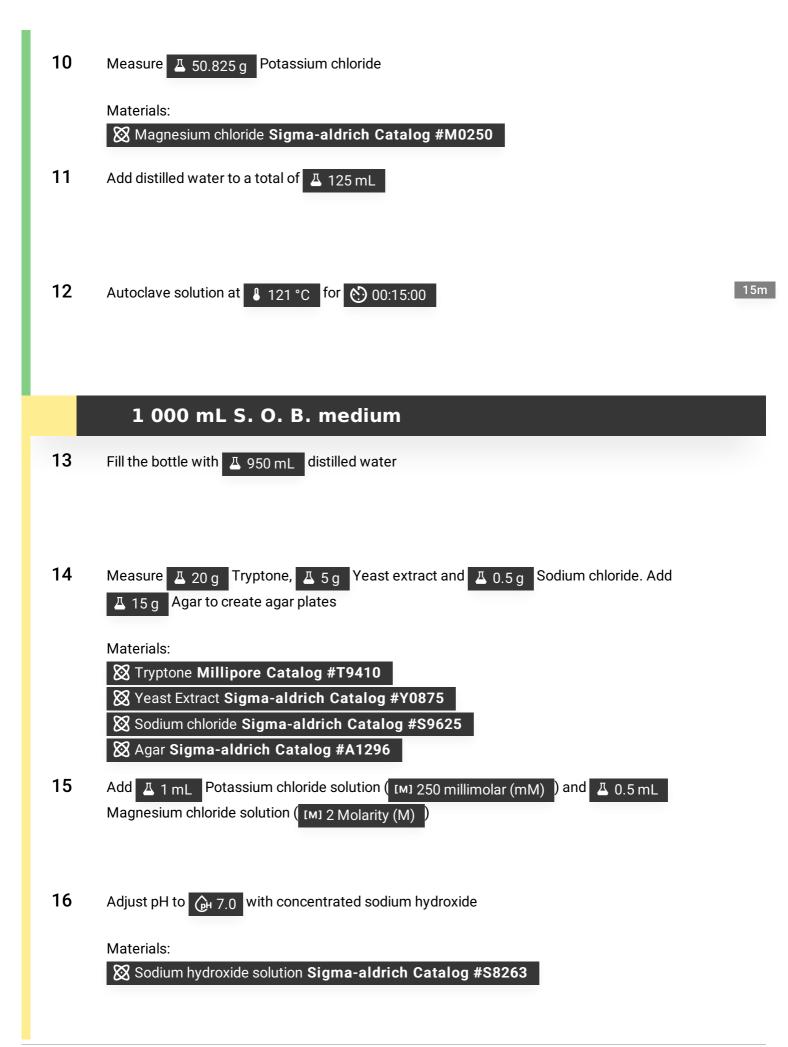
## 500 mL 1 M Glucose solution

1 Fill the bottle with 🗸 400 mL distilled water









- Add distilled water to a total of 4 1000 mL
- Autoclave solution at 121 °C for 00:00:00

# 100 mL S. O. C. medium

- 19 Sterilely transfer 🚨 98 mL S. O. B. medium to a sterile 🚨 100 mL container
- 20 Sterilely add 🚨 2 mL [M] 1 Molarity (M) Glucose solution