



JAN 22, 2024

## 🌐 Samuel Lab Media and Buffers

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Samuel Lab



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### DISCLAIMER

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Most of the protocols in this collection are derived from the wormbook protocol collection

### ABSTRACT

This is a collection of protocol for the preparation of standard media used in the Samuel Lab

### MATERIALS

1 M CaCl<sub>2</sub> (Filter Sterilize)

5 mg/mL Cholesterol in 200 Proof Ethanol (Store at 4°C)

\*500 mM EDTA, pH 8.0

5 M KOH

1 M MgSO<sub>4</sub> (Autoclave)

5 M NaOH

\*1 M Potassium Citrate Buffer, pH 6.0

\*1 M Potassium Phosphate Buffer, pH 6.0

\*Trace Metals Solution

OPEN  ACCESS



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

**Created:** Apr 10, 2019

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**COLLECTION integer ID:** 22263

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## FILES

## Protocol



NAME

**0.5M EDTA, pH 8.0**

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## Protocol



NAME

**1M Potassium Phosphate Buffer, pH 6.0**

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## Protocol



NAME

**1M Potassium Citrate Buffer, pH 6.0**

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## Protocol



NAME

**M9 Medium**

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Protocol



NAME  
LB borth or agar

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Protocol



NAME  
NGM Agar

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Protocol



NAME  
Mannitol Agar

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Protocol



NAME  
Worm Freezing Buffer

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**Trace Metals Solution**

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**S-Basal Medium**

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**S-Complete Medium**

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