



Sep 25, 2019

Preparation of M9 Media

[NUS iGEM¹](#)¹National University of Singapore

1

Works for me

[dx.doi.org/10.17504/protocols.io.7pghmjw](https://doi.org/10.17504/protocols.io.7pghmjw)NUS iGEM
National University of Singapore

MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

Water refers to sterilized deionized water

1 Liter Magnesium sulfate solution [1M]

786-530

G-Biosciences

Casamino Acid

CB3060.SIZE.500g

Bio Basic Inc.

1 M Calcium Chloride (CaCl₂)

BP510

Fisher Scientific

M9 Minimal Salts 5X

M9956

Sigma Aldrich

STEPS MATERIALS

NAME ▾

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1 Liter Magnesium sulfate solution [1M]

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G-Biosciences

Water refers to sterilized deionized water

- 1 Prepare 5x M9 salt, 2% casamino, 1M calcium chloride and magnesium sulfate solutions respectively using the following reagents.



M9 Minimal Salts 5X

by [Sigma Aldrich](#)

Catalog #: [M9956](#)



Casamino Acid

by [Bio Basic Inc.](#)

Catalog #: [CB3060.SIZE.500g](#)



1 M Calcium Chloride (CaCl₂)

by [Fisher Scientific](#)

Catalog #: [BP510](#)



1 Liter Magnesium sulfate solution [1M]

by [G-Biosciences](#)

Catalog #: [786-530](#)

2 Add

 200 ml



M9 Minimal Salts 5X

by [Sigma Aldrich](#)

Catalog #: [M9956](#)

 100 ml

2% casamino

 100 μ l



1 M Calcium Chloride (CaCl₂)

by [Fisher Scientific](#)

Catalog #: [BP510](#)

 2 ml



1 Liter Magnesium sulfate solution [1M]

by [G-Biosciences](#)

Catalog #: [786-530](#)

3 Top up with sterile deionized water to make a litre of M9 media.



Water refers to sterilized deionized water



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