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Preparation of M9 Media V.2

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Works for me

[dx.doi.org/10.17504/protocols.io.8cjhsun](https://doi.org/10.17504/protocols.io.8cjhsun)NUS iGEM
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MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

[Water refers to sterilized deionized water](#)[1 Liter Magnesium sulfate solution \[1M\]](#)[786-530](#)[G-Biosciences](#)[1 M Calcium Chloride \(CaCl₂\)](#)[BP510](#)[Fisher Scientific](#)[M9 Minimal Salts 5X](#)[M9956](#)[Sigma Aldrich](#)

STEPS MATERIALS

NAME ▾

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VENDOR ▾

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



M9 Minimal Salts 5X

by [Sigma Aldrich](#)

Catalog #: [M9956](#)



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 µl



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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