Sep 25, 2019

Preparation of M9 Media

NUS iGEM[1]

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1 Works for me dx.doi.org/10.17504/protocols.io.7pghmjw

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
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

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1 Liter Magnesium sulfate solution [1M]	786-530	G-Biosciences
M9 Minimal Salts 5X	M9956	Sigma Aldrich
1 M Calcium Chloride (CaCl2)	BP510	Fisher Scientific
1 Liter Magnesium sulfate solution [1M]	786-530	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 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