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Version 1

Preparation of M9 Media V.1

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Protocol status: Working

We use this protocol and it's working

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Keywords: iGEM, preparation

Materials

MATERIALS

 Water refers to sterilized deionized water

 1 Liter Magnesium sulfate solution [1M] **G-Biosciences Catalog #786-530**

 Casamino Acid **Bio Basic Inc. Catalog #CB3060.SIZE.500g**

 1 M Calcium Chloride (CaCl₂) **Fisher Scientific Catalog #BP510**

 M9 Minimal Salts 5X **Merck MilliporeSigma (Sigma-Aldrich) Catalog #M9956**

STEP MATERIALS

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

 M9 Minimal Salts 5X **Merck MilliporeSigma (Sigma-Aldrich) Catalog #M9956**

 Casamino Acid **Bio Basic Inc. Catalog #CB3060.SIZE.500g**

 1 M Calcium Chloride (CaCl₂) **Fisher Scientific Catalog #BP510**

 1 Liter Magnesium sulfate solution [1M] **G-Biosciences Catalog #786-530**

- 2 Add

 200 mL

 M9 Minimal Salts 5X **Merck MilliporeSigma (Sigma-Aldrich) Catalog #M9956**

 100 mL

2% casamino

 100 µL

 1 M Calcium Chloride (CaCl₂) **Fisher Scientific Catalog #BP510**

 2 mL

 1 Liter Magnesium sulfate solution [1M] **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