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Preparation of M9 worm buffer V.2

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ABSTRACT

Preparation of M9 worm buffer, used to maintain *Caenorhabditis elegans* in liquid for short periods of time. Protocol taken from the WormBook Methods http://www.wormbook.org/chapters/www_strainmaintain/strainmaintain.html

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MATERIALS TEXT

Our references (also check our magnesium sulfate solution protocol):
Monopotassium phosphate (KH_2PO_4):

Potassium phosphate monobasic **Sigma Aldrich Catalog #795488-500G**

Disodium phosphate dihydrate ($Na_2HPO_4.2H_2O$):

Sodium phosphate dibasic dihydrate **Sigma Catalog #71643-250G**

Sodium chloride (NaCl): Sodium chloride **Sigma Catalog #S5886-1KG**

1 Add **3 g ±0.03** of monopotassium phosphate (KH_2PO_4) in a 1L clean bottle.

2 Add **7.52 g ±0.05** of disodium phosphate dihydrate ($Na_2HPO_4.2H_2O$).

3 Add **5 g ±0.05** of sodium chloride (NaCl).

4 Add **1 L** of milliQ water.

5 Autoclave.

6 Add **1 mL** of magnesium sulfate solution. Our protocol for making this solution can be found here:

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