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## Preparation of M9 worm buffer V.2

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1 Works for me

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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 <a href="http://www.wormbook.org/chapters/www\_strainmaintain/strainmaintain.html">http://www.wormbook.org/chapters/www\_strainmaintain/strainmaintain.html</a>

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## MATERIALS TEXT

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

Monopotassium phosphate (KH<sub>2</sub>PO<sub>4</sub>):

⊠ Potassium phosphate monobasic Sigma

## Aldrich Catalog #795488-500G

Disodium phosphate dihydrate (Na<sub>2</sub>HPO<sub>4</sub>.2H<sub>2</sub>O):

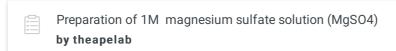
Sodium phosphate dibasic

dihydrate Sigma Catalog #71643-250G

Sodium

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

- Add  $\equiv$ 3 g ±0.03 of monopotassium phosphate (KH<sub>2</sub>PO<sub>4</sub>) in a 1L clean bottle.
- 2 Add  $\mathbf{7.52}$  g  $\pm 0.05$  of disodium phosphate dihydrate (Na<sub>2</sub>HPO<sub>4</sub>.2H<sub>2</sub>O).
- 3 Add  $\mathbf{5}$  g  $\pm 0.05$  of sodium chloride (NaCl).
- 4 Add **11** 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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