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🌐 1M KPO₄ pH6.0

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Behavioural Genomics

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ABSTRACT

Protocol for making phosphate salt solution for adding to NGM

MATERIALS

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⊗ Potassium phosphate (dibasic) **P212121**

⊗ Potassium phosphate (monobasic) **P212121**

⊗ Potassium hydroxide **P212121**

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.bnh2mb8e

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Protocol status: Working
 We use this protocol and it's working

Created: Oct 16, 2020

Last Modified: Oct 16, 2020

PROTOCOL integer ID:
 43290

Make 1M solutions of monobasic and dibasic salts

1 Prepare 1M solution dibasic salt:

174.18 g K_2HPO_4

1 L water

- 2 Prepare 1M solutions of monobasic salt:

136.09 g KH_2PO_4

1 L water

- 3 Autoclave both solutions and allow to cool

Mix salts to achieve correct pH

- 4 Mix prepared salt solutions to achieve 1M KPO_4 solution close to pH6:

100 mL 1M K_2HPO_4 (dibasic)

400 mL 1M KH_2PO_4 (monobasic)

Adjust pH to pH6.0 using pH meter and addition of drops of KOH