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1M KPO_4 pH6.0

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1 Works for me dx.doi.org/10.17504/protocols.io.bnh2mb8e

Behavioural Genomics

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ABSTRACT

Protocol for making phosphate salt solution for adding to NGM

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MATERIALS

NAME	CATALOG #	VENDOR
Potassium phosphate (dibasic)		P212121
Potassium phosphate (monobasic)		P212121
Potassium hydroxide		P212121

ABSTRACT

Protocol for making phosphate salt solution for adding to NGM

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:

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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 phH6.0 using pH meter and addition of drops of KOH

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