

Oct 16, 2020



♠ 1M KPO₄ pH6.0

DOI

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

Ida Barlow¹

¹Imperial College London

Behavioural Genomics



Ida Barlow

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN ACCESS



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

Protocol Citation: Ida Barlow 2020. 1M KPO4 pH6.0. protocols.io https://dx.doi.org/10.17504/protocols.io.bnh2mb8e

License: This is an open access protocol distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working



Created: October 16, 2020

Last Modified: October 16, 2020

Protocol Integer ID: 43290

Keywords: making phosphate salt solution, phosphate salt solution, ngm

Abstract

Protocol for making phosphate salt solution for adding to NGM

Materials

MATERIALS

Potassium phosphate (dibasic) P212121

Potassium phosphate (monobasic) P212121

Potassium hydroxide **P212121**

Troubleshooting



Make 1M solutions of monobasic and dibasic salts

Prepare 1M solution dibasic salt:

$$\bot$$
 174.18 g K_2HPO_4 \bot 1 L water

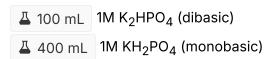
2 Prepare 1M solutions of monobasic salt:

$$\bot$$
 136.09 g KH₂PO₄ \bot 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 KPO₄ solution close to pH6:



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