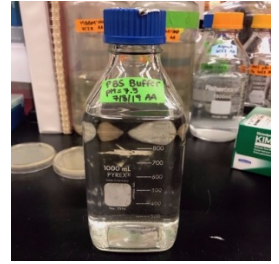


Jul 14, 2017

PBS Buffer Solution

DOI

<https://dx.doi.org/10.17504/protocols.io.in9cdh6>



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Protocol status: Working



Created: June 27, 2017

Last Modified: March 23, 2018

Protocol Integer ID: 6593

Keywords: pbs buffer solution, protocol

Abstract

Please contact Dr. Steven Wilhelm (wilhelm@utk.edu) for additional information regarding this protocol.

Materials

STEP MATERIALS

☒ Sodium chloride **P212121**

☒ Potassium chloride **P212121**

☒ Sodium Phosphate dibasic **Fisher Scientific Catalog #S373-500**

☒ Monopotassium phosphate

☒ Sodium chloride **P212121**

☒ Potassium chloride **P212121**

☒ Sodium Phosphate dibasic **Fisher Scientific Catalog #S373-500**

☒ Monopotassium phosphate

Protocol materials

☒ Sodium Phosphate dibasic **Fisher Scientific Catalog #S373-500**

☒ Monopotassium phosphate

☒ Sodium chloride **P212121**

☒ Potassium chloride **P212121**



1 Add dH₂O to a clean, acid washed bottle

 80 µL

2 Add NaCl

 8 µL

 Sodium chloride **P212121**

3 Add KCl

 0.2 µL

 Potassium chloride **P212121**

4 Add Na₂HPO₄

 1.44 µL

 Sodium Phosphate dibasic **Fisher Scientific Catalog #S373-500**

5 Add KH₂PO₄

 0.24 µL

 Monopotassium phosphate

6 Adjust the pH to 7.4 using HCl

7 Add dH₂O to a total volume of 100 mL