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Protocol status: In development
We are still developing and optimizing this protocol

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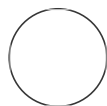
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Potassium phosphate buffer (1.0 M, pH 6.2)

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ABSTRACT

Potassium phosphate buffers are buffers with a buffering capacity between 5.8 and 8.0, where it is possible to adjust the pH and buffer strength with different ratios of Sodium phosphate monobasic and Sodium phosphate dibasic.

MATERIALS


Scale



Magnetic stirrer

Filtering device

500 mL Phosphate buffer (1.0 M, pH 6.2)


5m


1 Fill a sterile  500 mL bottle with  400 mL distilled water

2 Measure  12.035 g Sodium phosphate dibasic and  49.818 g Sodium phosphate monobasic


Materials:


 Sodium phosphate dibasic **Sigma-aldrich Catalog #S0876**

 Sodium phosphate monobasic **Sigma-aldrich Catalog #S0751**

3 Add dry ingredients and mix for  00:05:00

5m

4 Fill to  500 mL with distilled water

5 Filter sterilize through a 0.2 μ m filter and store refrigerated ( 4 °C)