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PBS Buffer Solution

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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 Contributed by users

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Protocol status: Working

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PROTOCOL integer ID:
6593

1 Add dH₂O to a clean, acid washed bottle

80 mL

- 2 Add NaCl
8 g
Sodium chloride P212121
- 3 Add KCl
0.2 g
Potassium chloride P212121
- 4 Add Na₂HPO₄
1.44 g
Sodium Phosphate dibasic Fisher Scientific Catalog #S373-500
- 5 Add KH₂PO₄
0.24 g
Monopotassium phosphate Contributed by users
- 6 Adjust the pH to 7.4 using HCl
- 7 Add dH₂O to a total volume of 100 mL