

Dulbecco's Phosphate Buffered Saline (DPBS)

(Gibco Recipe; Makes 5 liters)

Equipment:

5 liter beaker
stir plate and bar
pH meter

Reagents:

40 gm Sodium Chloride (NaCl)
1 gm Potassium Chloride (KCl)
5.75 gm Sodium Phosphate, dibasic (Na₂HPO₄)
1 gm Potassium Phosphate, monobasic (KH₂PO₄)
5000 ml Distilled Water

Method:

- 1) Combine all ingredients and mix well.
- 2) Adjust to pH = 7.3.