

## RNase free PBS

### Abstract

Describes the preparation of RNase free PBS.

Whether the PBS is RNase-free or not depends on the grade of water used and the protocol can of course be adapted to suite ones needs.

### Reagents

- NaCl
- KCl
- Disodium phosphate
- Potassium dihydrogenphosphate
- Sterile water , of DEPC quality.

### Instructions

1. 8.0 g NaCl
2. 0.2 g KCl
3. 1.44 g Na<sub>2</sub>PO<sub>4</sub>
4. 0.24 g KH<sub>2</sub>PO<sub>4</sub>
5. 1 liter DEPC-H<sub>2</sub>O
6. Dissolve NaCl, KCl, Na<sub>2</sub>PO<sub>4</sub> and KH<sub>2</sub>PO<sub>4</sub> in 800 ml of DEPC-H<sub>2</sub>O. Adjust the pH to 7.4 using HCl.
7. To avoid contamination by RNase this is preferably done by dropping the solution on a pH strip.
8. Adjust the volume to 1 liter with DEPC-H<sub>2</sub>O. Sterilize by autoclaving.

Citation:

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**Subject tags:** [Biochemistry](#) [1]

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**Author information:** Own Document, the Molecular Methods database

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**Source URL:** <http://molmeth.org/protocol/rnase-free-pbs>

**Links:**

[1] <http://molmeth.org/taxonomy/term/1>

[2] <http://molmeth.org/taxonomy/term/12>