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## PBS 1X V.1

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**PBS 1X (Phosphate-Buffered Saline)** composition g/l (M):

**NaCl** 8.4 (0.144)

**Na<sub>2</sub>HPO<sub>4</sub> \* 7H<sub>2</sub>O** 1.424 (0.005)

**NaH<sub>2</sub>PO<sub>4</sub>** 0.276 (0.002)

The substances are in the closet 1 (Room TSO8), weigh the substances with Gibertini balance (Room TSO8).

Add ultrapure water to 900 ml, adjust to  7.4 using NaOH or HCl, bring to a total volume of 1 liter with ultrapure water.

Storage:  4 °C Fridge 1 - (Room TSO8).

**Sterile PBS 1X :**

**Sterilized PBS at 121°C for 15 min with autoclave (Room TSO5).**

Storage:  4 °C Fridge 2 - (Room PSO3).

## Equipment

Ibromatic Autoclave	NAME
Autoclave	TYPE
PBI International	BRAND
PBI International	SKU



**NaCl:** catalog number S9625, Sigma, Italy.

**Na<sub>2</sub>HPO<sub>4</sub> \* 7H<sub>2</sub>O:** catalog number 1.06574.1000, Merck, Italy.

**NaH<sub>2</sub>PO<sub>4</sub>:** catalog number 1.06346.0500, Merck, Italy.