

PHOSPHATE BUFFERED SALINE (PBS) (w/o ions Ca/Mg)

Buffered saline solution without calcium and magnesium for laboratory use.

Formula in g/L			
NaCl.....	8,00	KCl.....	0,20
Na ₂ HPO ₄	1,44	KH ₂ PO ₄	0,24

Final pH at 25°C: 7,4 ± 0,2

Principle:

Buffered saline solution is used to wash the cell culture, control and laboratory equipment in which there may not be traces of calcium and magnesium compounds. It can also be used for the preliminary preparation of biological materials containing phagocytic cells, also as transport medium. Due to its appropriate sodium chloride content, it prevents osmotic damage that can be caused to the cells or micro-organisms after transfer, e.g. from solid media. The phosphates present in PBS provide a constant pH value. It provides an intra- and extracellular osmotic balance. It is used in many immunohistochemical and cytometric processes and in situ hybridization procedures. It is sterilized through a 0.2 µm filtration membrane.

Storage / Shelf life

Prepared bottles at 2 - 25°C shielded from light

The expiration date is indicated on the label.

Purpose:

product intended the professional use in diagnostics in vitro

Dealing with waste:

dealing with – waste according to regulations being in effect in this respect

Dealing with consumed bases:

one should remove consumed bases according to procedures being in effect in the given individual

Pack size

	Ref.
6 bottles x 100 ml	BT 5105.01
6 bottles x 200 ml	BT 5105.02
6 bottles x 500 ml	BT 5105.05
20 glass tubes x 3 ml	PW 3352S
50 plastic tubes x 3 ml	PW 3352
50 plastic tubes x 1,5 ml	PW 3170

