

**Datasheet****DPBS****Buffered Salt Solution**

Product	Description	Catalogue-No.	Size
DPBS	Dulbecco's Phosphate Buffered Saline, w/o: Ca and Mg	P04-36100	100 ml
		P04-36500	500 ml
		P04-361000	1000 ml
		P04-3625C	2.5 L
		P04-3650C	5 L
		P04-36010B	10 L
		P04-360010B	10 L
		P04-360020	20 L

**Product description**

The main purpose of buffered salt solutions is the maintenance of pH and osmolality in cell culture applications as well as providing essential inorganic ions. These solutions are usually used for washing tissues and cells. Often they are combined with other agents in cell and tissue treatment. The special feature of this DPBS is the very low endotoxin content.

**Storage conditions and stability**

Storage: +2 °C to RT

Stability: 3 years from date of production

Size: 100 ml, 500 ml, 1000 ml, 2.5 L, 5 L, 10 L, 20 L other sizes upon request

**Composition**

Displayed on website, also available upon request

**Applications**

Dulbecco's Phosphate Buffered Saline (DPBS) can be used as a washing solution for living cells, or as a carrier solution for various substances. The main purpose of DPBS is to maintain pH as well as osmotic balance and provides water and essential inorganic ions to cells. This product has neither calcium nor magnesium nor sodium bicarbonate ions in its composition so it supports the activity during trypsinisation.

Cellular suspensions prepared in a buffered saline solution should not be stored longer than several hours as cellular viability may decrease. Therefore, the suitability of the buffered saline solution for a specific cell type should be tested prior to use.

**Technical support**

For technical support, questions or remarks please contact your local PAN-Biotech partner or the technical department of PAN-Biotech via email ([info@pan-biotech.com](mailto:info@pan-biotech.com)) or phone +49-8543-601630.

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