

Product Information

Dulbecco's Phosphate Buffered Saline - DPBS

Product	Volume	Cat. No.
Dulbecco's PBS (1x), w/o Ca & Mg, w/o Phenol Red	500 ml	H0500-540
Dulbecco's PBS (10x), w/o Ca & Mg, w/o Phenol Red	500 ml	H0500-550
Dulbecco's PBS (1x), with Ca & Mg, w/o Phenol Red	500 ml	H0500-560

Product Description

Dulbecco's Phosphate Buffered Saline (DPBS) is a water-based salt solution used in various research areas. The buffer is non-toxic and provides cells with water and inorganic ions which are necessary for cell metabolism. It can be also used for rinsing, as a diluent or reference solution.

Product Specifications

	H0500-540, H0500-560	H0500-550
pH	7.0 – 7.6	6.5 – 7.1
Osmolality	260 – 330 mOsm/kg	>1600 mOsm/kg
Endotoxin	≤1 EU/ml	≤1 EU/ml
Sterility	Tested	Tested
Storage	Store at +15°C to +25°C	Store at +15°C to +25°C

Formulation

Component (g/l)	H0500-540	H0500-550	H0500-560
Calcium chloride di-hydrate	-	0.13	-
Magnesium chloride hexahydrate	-	0.10	-
Potassium chloride	0.20	0.20	2.00
Potassium phosphate monobasic anhydrous	0.20	0.20	2.00
Sodium chloride	8.00	8.00	80.00
Sodium phosphate dibasic anhydrous	1.15	1.15	11.15

Precautions and Disclaimer

This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.