PBS

Cat: P1000 /P1003 /P1010 /P1020 /P1022 /P1032

Storage: Store at 2-8°C, avoid from light, and it is valid for at least 2 years.

Specification:

Cat.	P1000	P1003	P1010	P1020	P1022	P1032
Appearance	Tablet	Dry Powder	Dry Powder	Liquid	Liquid	Liquid
	Concentration(mM)					
NaCl	137 mM	137 mM	137 mM	136 mM	1.36 mM	2.7 mM
KCl	2.7 mM	/	/	2.6mM	26mM	/
Na_2HPO_4	/	8mM	8mM	8mM	80mM	160mM
NaH_2PO_4	/	2mM	2mM	/	/	40mM
KH_2PO_4	/	/	/	2mM	20mM	/
Na_2HPO_4(anhydrous)	8mM	/	/	/	/	/
KH_2PO_4(anhydrous)	2mM	/	/	/	/	/

P1000: Ready-to-use tablets (without calcium and magnesium); simply dissolve in water (1 tablet per 100 ml); pH 7.2-7.4.

P1003: Each packet has a net weight of 19.0 g, with an allowable deviation of ±4%.

P1010: Contains a total of 22.4 g of dry powder. This product tends to form precipitates after autoclaving. For sterile conditions, it is recommended to filter through a 0.22 μm filter.

P1022: Is a 10× concentrate, already sterilized; can be diluted 10 times for use.

P1032: Is a 20× concentrate. For sterile conditions, it is recommended to filter through a 0.22 μm filter and then dilute 20 times for use.

Product Introduction:

Phosphate Buffered Saline (PBS) is a commonly used buffer solution in biological research with a wide range of applications. PBS is isotonic, balances osmotic pressure, maintains ion strength, and buffers pH. Its osmolality and ion concentration match those of the human body (isotonic), making it non-toxic to most cells. PBS does not alter the structure or biological properties of proteins and ensures that active substances remain in optimal conditions for biological reactions, making it the preferred choice for active biological preparations.

Storing at 4°C can extend the product's shelf life. For long-term storage, we recommend keeping it at a low temperature.

Note

1. During the use of D-PBS, special attention should be paid to avoiding microbial contamination of the solution.
2. D-PBS may precipitate at low temperatures. If precipitation is observed, place it in a 37°C water bath until it is completely dissolved before use.
3. For your safety and health, please wear laboratory clothes and disposable gloves to operate.