

PRODUCT INFORMATION

Buffer substance Dulbecco's¹ (PBS) Cat. No. 47302

Product description:

General Buffer substance Dulbecco's (PBS, phosphate buffered saline) contains NaCl, KCl, Na₂HPO₄ and KH₂PO₄ as powder, but no calcium, magnesium and Phenol red.

Composition	Component	Concentration
	NaCl	8000 mg/l
	KCl	200 mg/l
	Na ₂ HPO ₄	1150 mg/l
	KH ₂ PO ₄	200 mg/l

Storage The recommended storage temperature of the powder is +15 °C – +30 °C.

Solution procedure:

To prepare 1 L buffer:

For solving of the powder use only double distilled water or deionized water with a conductivity of less than 1 µS.

1. For preparing 1 L buffer, 9.55 g powder are completely solved in 800 ml water by stirring.
2. Then autoclave for 15 min. at 121 °C and fill up to 1000 ml under sterile conditions. The pH value of the ready-made solution is 7.1 – 7.3 at room temperature.

¹ R. Dulbecco, J. Exp. Med. 99, 167 (1954)