



DPBS, without Calcium and Magnesium

Product Number: S060469

Shipping and Storage

Transport and storage at room temperature, with a shelf life of 24 months.

Component

Component	S060469
DPBS buffer	100mL

Description

DPBS buffer, also known as Dulbecco's Phosphate Buffered Saline, is a widely used equilibrium salt solution in biology and biochemistry research, with slightly lower phosphate content than conventional PBS buffer. DPBS is mainly used for embryological research and can serve as a rinsing solution, cryopreservation solution, and culture medium for embryos and tissues. Glucose, sodium pyruvate, etc. can be added to DPBS as needed to maintain the basic nutrition of the culture.

Product Ingredients: 2.68mM KCl, 1.47mM KH₂PO₄, 137mM NaCl, 8.0mM Na₂HPO₄, pH 7.0-7.3@25°C. Sterilized by 0.1 μm filtration. Our DPBS no Ca²⁺ / Mg²⁺, and no phenol red, has undergone filtration and sterilization treatment.

DPBS formula

Component	S060469-100mL	
	mg/L	mM
KCl	200	2.68
KH ₂ PO ₄	200	1.47
NaCl	8000	137
Na ₂ HPO ₄ •12H ₂ O	2886	8.0
CaCl ₂ (Without water)	-	-
MgCl ₂ •6H ₂ O	-	-

Note

1. This product is filtered through a 0.1μm filter membrane for sterilization. Please pay attention to aseptic operation during use to avoid bacterial contamination.
2. Please wear lab clothes and disposable gloves during operation.