



## Dulbecco's Phosphate-Buffered Saline (DPBS)

Catalog Number: 0303

### Product Description

Dulbecco's Phosphate-Buffered Saline is a commonly used buffer in biological research. DPBS helps maintain a constant pH. The solution does not contain  $\text{Ca}^{2+}$  or  $\text{Mg}^{2+}$  and is sterile-filtered. Because it is non-toxic to cells and is isotonic, it may be used to rinse cells without causing any damage to them.

### Formulation

Potassium Chloride	0.2 g/L
Potassium Phosphate (Monobasic)	0.2 g/L
Sodium Chloride	8.0 g/L
Sodium Phosphate	1.15 g/L

### Specifications

Appearance	Colorless
pH	7.4 $\pm$ 0.2
Osmolarity	290 $\pm$ 20
Cell Culture Test	Pass
Endotoxin	<0.5 EU/ml
Sterility	Pass
Storage	2-8°C

### Product Use Statement

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or in vitro procedures.

*Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.*