



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 Ca^{2+} or 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

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|---------------------------------|----------|
| 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

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|-------------------|------------------|
| Appearance | Colorless |
| pH | 7.4 ± 0.2 |
| Osmolarity | 290 ± 20 |
| Cell Culture Test | Pass |
| Endotoxin | <0.5 EU/ml |
| Sterility | Pass |
| Storage | Room temperature |

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.