



## PRODUCT DATA SHEET

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### PBS with EDTA Endotoxin-free (sterile)

**Cat. No.:** IAX-900-004

**Lot. No.:**

<b>Synonyms</b>	Phosphate-buffered saline (PBS) with EDTA (Ethylenediaminetetraacetic acid) Endotoxin-free (sterile)
<b>Formulation</b>	1.5ml (LD15), 10ml (L010) or 100ml (L100) PBS with EDTA (0.046%) in sterile filtered double-distilled water (ddWater), without any additives
<b>Endotoxin-free</b>	Bacterial Endotoxin Test (kinetic turbidimetric LAL method) according to Ph. Eur. 9. Passed according to specification: Endotoxin-free: <0.00002 [EU/mg] / <0.02 [EU/ml].
<b>Sterility</b>	Filter method: according to Ph. Eur. 9. Passed according to specification: <ul style="list-style-type: none"><li>• No growth in Thioglycolate medium at 30-35°C after 14 days.</li><li>• No growth in Soybean Casein Digest Broth (TSB) at 20-25°C after 14 days.</li></ul>
<b>pH Value</b>	7.4 (± 0.2)
<b>Composition</b>	Sodium chloride: 137mM, Potassium chloride: 2.7mM, Potassium phosphate monobasic: 2mM, Sodium phosphate dibasic: 10mM and Ethylenediaminetetraacetic acid (EDTA): 0.046 % in ddWater.
<b>Application</b>	PBS has many uses because it is isotonic and non-toxic to most cells. These uses include substance dilution and cell container rinsing. PBS with EDTA is used to disengage attached and clumped cells.
<b>Handling</b>	Keep sterile. Ready-to-use, sterile solution.
<b>Shipping</b>	Ambient
<b>Storage</b>	2-8°C
<b>Stability</b>	<ul style="list-style-type: none"><li>• Upon receipt, store product at 2-8°C.</li><li>• Do not freeze.</li></ul> In its unopened original vial, the product is stable for at least 24 months when stored at 2-8°C. Once the vial is opened, or if aliquoted into sterile vials under sterile conditions, the product remains stable for an additional 12 months at 2-8°C.
<b>MSDS</b>	Available on request

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#### Endotoxin-free and Sterile Buffers and Related Products

IAX-900-001	PBS Endotoxin-free (sterile)
IAX-900-001DC	PBS Endotoxin-free (sterile) [For Nano-formulated Drug Analysis]
IAX-900-002	ddWater Endotoxin-free (sterile)
IAX-900-002DC	ddWater Endotoxin-free (sterile) [For Nano-formulated Drug Analysis]
IAX-900-003	Physiological Saline [Sodium Chloride 0.9% Endotoxin-free] (sterile)
IAX-900-003DC	Physiological Saline [Sodium Chloride 0.9% Endotoxin-free] (sterile) [For Nano-formulated Drug Analysis]
IAX-900-004	PBS with EDTA Endotoxin-free (sterile)
IAX-900-005	TRIS with EDTA [TE Buffer] (100x) Endotoxin-free (sterile)
IAX-900-006	EDTA (400mM) Endotoxin-free (sterile)
IAX-900-007	HEPES Buffer (500mM) Endotoxin-free (sterile)
IAX-900-008	DNA Loading Buffer with TRIS and EDTA (6x) (Blue)
IAX-900-009	HEPES Buffer (50mM) with NaCl [Sodium Chloride] (150mM) Endotoxin-free (sterile)
IAX-900-010	NaCl [Sodium Chloride] (1.5M) Endotoxin-free (sterile)
IAX-900-011	TRIS Buffer (1.5M) Endotoxin-free (sterile)
IAX-900-012	TRIS Buffer (30mM) with NaCl [Sodium Chloride] (150mM) Endotoxin-free (sterile)
IAX-900-013	PBS with Magnesium and Calcium Endotoxin-free (sterile)
IAX-900-014	ddWater with 0.9% Benzyl Alcohol [Bacteriostatic Water] Endotoxin-free (sterile)

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