



## PRODUCT DATA SHEET

Page 1 / 1

### 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, calcium or magnesium   |
| <b>Endotoxin-free</b> | Bacterial Endotoxin Test (kinetic turbidimetric LAL method) according to Ph. Eur. 9.<br>Passed according to specification: Endotoxin-free: <0.00002 [EU/mg] / <0.02 [EU/ml].   |
| <b>Sterility</b>      | Filter method: according to Ph. Eur. 9.<br>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>       | 7.4-7.6  |
| <b>Composition</b>    | Sodium chloride: 137mM, Potassium chloride: 2.7mM, Potassium phosphate dibasic: 2mM, Sodium phosphate monobasic: 10mM and Disodium ethylenediaminetetraacetate dihydrate (EDTA Disodium Salt, Dihydrate): 0.046 % in ddWater. Does not contain calcium or magnesium.           |
| <b>Application</b>    | PBS has many uses because it is isotonic and non-toxic to most cells.<br>These uses include substance dilution and cell container rinsing.<br>PBS with EDTA is also used to disengage attached and clumped cells.  |
| <b>Handling</b>       | Keep sterile   |
| <b>Shipping</b>       | Ambient  |
| <b>Storage</b>        | 2-8°C. Do not freeze.  |
| <b>Stability</b>      | 2 years after receipt (unopened and as supplied)   |
| <b>MSDS</b>           | Available on request   |

**Document No.:** IAX-900-004 | **Version:** 1.6 | **Issue Date:** 15/03/2024

**DISCLAIMER:** THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING MAY BE EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH. THIS PRODUCT IS FOR RESEARCH USE ONLY (RUO).

**MATERIAL SAFETY DATA:** This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, inhale or get into the blood stream. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Access to this material must be restricted to personnel, who is appropriately experienced, qualified, competent and properly trained to use it. Material Safety Data Sheet is available upon request.