



## PRODUCT DATA SHEET

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### TRIS with EDTA (TE Buffer) (100x) Endotoxin-free (sterile)

Cat. No.: IAX-900-005

Lot. No.:

|                       |                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | Tris(hydroxymethyl)aminomethane (TRIS) with EDTA (Ethylenediaminetetraacetic acid) (TE Buffer) (100x) Endotoxin-free (sterile)                                                                                                                                                                                                                                            |
| <b>Formulation</b>    | 1.5ml (LD15), 10ml (L010) or 100ml (L100) TRIS (tris[hydroxymethyl]aminomethane) (1.0M) with EDTA (Ethylenediamine tetraacetic acid) (100mM) (100x) 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: <0.001 [EU/mg] / <1.0 [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>       | 7.8-8.2                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Composition</b>    | Tris(hydroxymethyl)aminomethane: 1.0M, Ethylenediaminetetraacetic acid: 100mM in ddWater                                                                                                                                                                                                                                                                                  |
| <b>Application</b>    | Solubilisation and storage buffer for DNA, dilute 1:100 with sterile endotoxin-free Water (IAX-900-002)                                                                                                                                                                                                                                                                   |
| <b>Handling</b>       | Keep sterile. Ready-to-use, sterile stock (100x) solution: dilute 1:100 with sterile, endotoxin-free filtered double-distilled water (ddWater) (IAX-900-002).                                                                                                                                                                                                             |
| <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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**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).

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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.



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### TRIS with EDTA (TE Buffer) (100x) Endotoxin-free (sterile)

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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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