PRODUCT SPECIFICATION SHEET

# 10X TBE DNA Sequencing Grade

**Catalog Number:** T008-10L **Size:** 10 L **Form:** Liquid, ready-to-use concentrate

## 1. Product Description

CELLPICK 10X TBE (Tris-borate-EDTA) DNA Sequencing Grade Solution is an ultra-pure, high-capacity electrophoresis buffer formulated for high-resolution polyacrylamide and agarose gel electrophoresis of nucleic acids.

Featuring an increased concentration suitable for bulk and high-throughput laboratory environments, this 10X formulation provides exceptional buffering capacity for prolonged or high-voltage electrophoresis runs. Manufactured to ensure optimal reproducibility in DNA sequencing and fragment analysis. Supplied in a 10 L bulk container.

## 2. Specifications

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|---|---|
| **Concentration** | 10X Concentrate (DNA Sequencing Grade) |
| **Composition** | 890 mM Tris, 890 mM Boric Acid, 20 mM EDTA, molecular biology grade |
| **pH** | 8.0 ± 0.1 at 25°C (1X working solution) |
| **Appearance** | Clear, colorless liquid |
| **Storage Conditions** | 2–8°C (Refrigerated) |

## 3. Recommended Applications & Usage

Recommended for high-resolution analytical agarose and polyacrylamide gel electrophoresis, DNA sequencing, and small nucleic acid fragment recovery.

**Usage:** Dilute 1 volume of 10X TBE stock with 9 volumes of deionized water to prepare a 1X working solution prior to use.

## 4. Ordering Information

| Catalog Number | Product Name | Packaging Unit |
|---|---|---|
| T008-10L | 10X TBE DNA Sequencing Grade | 10 L |