

Atlas TBE Buffer - Ready Mixed Powder

Cat. No.	Pack Size
BA01704	for 1 L

Storage & Shipping:

Storage and shipping at room temperature.
The reconstituted buffer is stable for several days at 4°C if 0.2 µm filtered.

Applications:

- Analytical electrophoresis of DNA and RNA
- Blotting of DNA and RNA

Description:

Atlas TBE (Tris-Borate-EDTA) buffer is commonly used buffer for routine DNA or RNA gel electrophoresis. TBE buffer is not recommended for preparative gels for recovery of nucleic acids, since borate in TBE buffer is a strong inhibitor for many enzymes.

Specification:

Atlas TBE Buffer is ready-mixed Tris-Borate-EDTA buffer powder for 1 liter of 10X concentrated aqueous solution (170.28 g/L). Atlas TBE Buffer has to be dissolved in 1 L of distilled water*.
On dilution, the resultant 1x TBE solution will have final concentration of 89 mM Tris Base, 89 mM Boric Acid and 2 mM EDTA, pH (20°C; H₂O) 8.3 ± 0.2.

* Dissolve powder completely! Don't dissolve portions of the powder mixture.

Safety warnings and precautions:

This product is designed for research purposes and *in vitro* use only. According to common laboratory safety practice, it is recommended to wear protective clothing, gloves and safety glasses. Please refer to www.bioatlas.com for Material Safety Data Sheet of the product.

Some applications this product is used in may require a license which is not provided by the purchase of this product. Users should obtain the license if required.