

## Atlas TAE Buffer - Ready Mixed Powder

Cat. No.	Pack Size
BA01709	for 1 L

### Storage & Shipping:

Storage and shipping at room temperature, protected from moisture.

### Applications:

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

### Description:

Atlas TAE (Tris-Acetate-EDTA) buffer is commonly used buffer for routine DNA or RNA gel electrophoresis. TAE buffer is recommended for separation of longer nucleic acid fragments (1500 bp and longer) and it is suitable for preparative gels for recovery of nucleic acids.

### Specification:

Atlas TAE Buffer is ready-mixed Tris-Acetate-EDTA buffer powder for 1 liter of 10X concentrated aqueous solution. This buffer is pre-weighed and therefore ready to use after only few minutes of dissolving in distilled water\*.

On dilution, the resultant 1x TAE solution will have final concentration of 2 M Tris-acetate and 0.050 M EDTA, pH (25°C; H<sub>2</sub>O) 8.3 ± 0.1.

\* 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](http://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.*