

PRODUCT: **TAE Buffer (Tris-Acetate-EDTA) (50X)**

ALTERNATE NAME: TAE buffer

CATALOG #: 2116-500

AMOUNT: 500 ml

APPEARANCE: Liquid

CONCENTRATION: 50X (1X buffer composition: 40 mM Tris, 20 mM acetic acid, 1 mM EDTA)

STORAGE: RT

DESCRIPTION: TAE (Tris-Acetate-EDTA) buffer (50X) is used for electrophoresis of nucleic acids in agarose and polyacrylamide gels. This buffer can be used for both genomic and large supercoiled DNA, as well as for both a running and a gel preparation buffer.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Magnesium Chloride (1 M) **(2105)**
- Potassium Chloride Solution (1 M) **(2115)**
- 10% SDS in Water **(2102)**
- Sodium Chloride Solution (5 M) **(2101)**
- Sodium Chloride (0.9%), Sterile-Filtered **(9628)**
- Tris-HCl (pH 6.8) **(2106)**
- Tris-HCl (pH 8.8) **(2107)**
- Triton X-100 **(2104)**
- Tween 20 (10%) **(2109)**
- Wash Buffer **(1210)**

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**