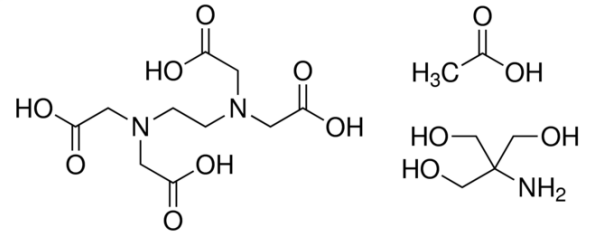




## Tris Acetate-EDTA buffer

for molecular biology, 50x Concentrate

Synonym: TAE buffer



### Properties

grade	for molecular biology
form	solution
quality	50x Concentrate
impurities	DNases, none detected
	RNases, none detected
	phosphatases, none detected
	proteases, none detected
pH	8.3±0.2 (25 °C)
density	1.09 g/mL at 20 °C
storage temp.	room temp

### Description

#### Components

The TAE 50x liquid concentrate contains 2M TRIS acetate and 0.05M EDTA in water.

#### Application

Suitable for use as running buffer for nucleic acid electrophoresis. Especially useful for dsDNA separations.

#### General description

TBE (Tris/Acetate/EDTA) Buffer is commonly used in nucleic acid electrophoresis. This solution has a lower buffering capacity than TBE buffer, but dsDNA runs faster with TAE buffer. This 50x concentrate can be easily diluted with molecular biology grade water to 1x before use.