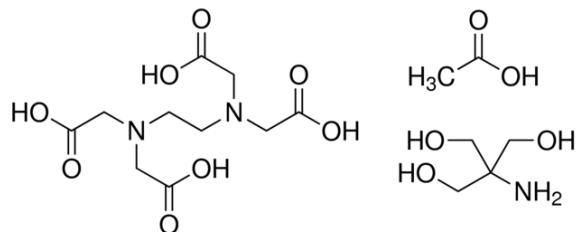




Tris Acetate-EDTA buffer

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.

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