

## 50 x TAE Buffer Instructions

**Cat:** T1060

**Size:** 500 mL

**Storage:** RT, 2 years

### Product Description:

TAE is the most widely used nucleic acid electrophoresis buffer in biology, primarily for agarose gel electrophoresis of DNA. The main components of TAE are TRIS-acetate and EDTA. The mobility of double-stranded linear DNA is faster during electrophoresis, and the separation effect is good when electrophoresis fragments larger than 13kb. In addition, TAE buffer system is also suitable for electrophoresis when DNA fragments are recovered.

This product is 50× concentrate liquid with a working concentration of 1×, and can be diluted 50 times directly with distilled water before use. If the product precipitates out, please put it in 37°C water bath to dissolve, do not affect the use.

### Product components:

#### Working concentration of components

Tris-acetate	40mM
EDTA	1mM

### Related products:

*T1050 5 x TBE Buffer*

*D1010 6×DNA Lodding Buffer*

*G8142 GoldView Type II Nucleic Acid Stain (5000×)*