

# ***ClearBand* TAE 50x, Electrophoresis Buffer**

500 ml, 1000 ml

**Cat No:** TAE500, TAE1000

**Shipping** : Ship at ambient temperature.

**Storage** : Store at room temperature.

## **General Information**

***ClearBand* TAE 50x Electrophoresis Buffer** is a commonly used concentrate buffer for separation of nucleic acids in agarose and polyacrylamide gels. It is preferred in high resolution agarose gel electrophoresis applications and separation of high molecular weight, double-stranded DNA. It should be diluted to a working concentration of 1x before use. Fresh 1X buffer is recommended to use for each electrophoresis application.

1x Buffer Composition:

40 mM Tris, 20 mM acetic acid, 1 mM EDTA.

***ClearBand* TAE 50x Electrophoresis Buffer** is filter sterilized and prepared with ultra pure water.

## **Protocol**

1. Dilute TAE 50x ***Electrophoresis Buffer*** to 1x working concentration.
2. Prepare your gel and fill the tank of your electrophoresis system with 1x buffer.