50X TAE Running Buffer

1. Catalog No. KTA030

2. Quantity 500 ml

3. Storage & Stability Store at R.T.

4. Description 50X TAE Running Buffer is used for running DNA samples Electrophoresis analysis on Agarose gels.

5. Recommended Loading Add 1/50 volume of 50X TAE Buffer to 49/50 volume of D.W.

6. Protocol

1. Add nine part of sample to one part of Loading Buffer (10X) and mix well.
2. Prepare 500ml 1X TAE Running Buffer by adding 10ml of TAE Running Buffer (50X) to 490ml of deionized water before use. Fill the chamber of electrophoresis system with the appropriate amounts of running buffer. Make sure that running buffer covers the agarose gel completely.
3. Load sample into the wells.
4. Run the gel according to the following running conditions.

Voltage	25, 50 or 100V constant
Approx. Run Time	30-45 minutes

Turn off the power when the dye is migrated to the end of the gel.

5. After the run, remove the gel from the tray.
6. Stain as desired.

*** Buffer composition**

TAE Running Buffer (50x)	
Tris-Acetate	2 M
EDTA (Free Acid)	10 mM
pH	8.0

For research use only; not for use as a diagnostic

biotechnology KOMABIOTECH

koma@komabiotech.com
Tel. 82-2-3662-7790 Fax. 82-2-3662-7730