

TAE Buffer ClearLine

Specification :

TAE (Tris-acetate-EDTA) is ideal for separation of large DNA fragments in agarose gels and is used as running buffer and in gel preparation. TAE is the buffer of choice when recovering DNA from gels and when downstream processing involves enzymatic reactions.

- ✓ Composition : 40mM Tris, 20mM acetic acid, 1mM EDTA
- ✓ pH range : 8.2 – 8.4
- ✓ Max dissolve : 5 minutes

Description

ClearLine Powdered Buffer Packs allow for making fresh 1X buffer on demand.

Each pouch makes 1L of a 1X working solution.

Manufactured through a proprietary process, quality and consistency are guaranteed.

ClearLine Buffers are quick and easy to prepare - simply empty pouch into water and stir.

No weighing, diluting or pH adjusting.

Storage

The buffer pouches are supplied in a convenient dispenser box. The dispenser should be stored at room temperature in a clean, dry location. Protect from moisture

Limitations of Use

For research purposes only. Not intended for therapeutic or diagnostic use.

Instructions

To make 1 liter of 1X solution:

1. Add contents of buffer pouch to a graduated cylinder or beaker.
2. Slowly add distilled water to 1 liter.
3. Mix well until all granules are dissolved (a magnetic stirrer can be used for faster results).
4. Add additional water to bring the volume to 1L, if necessary.

Cell culture and chromatography applications may require a high purity buffer. For these applications, it is recommended to use ultrapure water and filter the buffer through a 0.22µM filter after dissolved. Also be sure to use a clean, sterile container.

Included labels can be placed on bottles.

Sales units :

100 pouches