

## 8025041/8025042

## **Instant TAE Buffer**

Cat-No.	8025041	8025042
Size	20 packs/box	100 packs/box

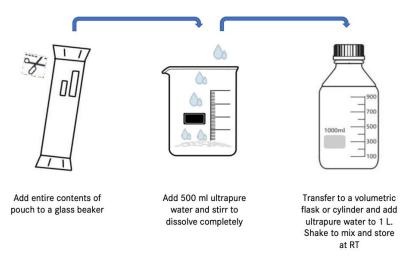
Form	Crystalline powder, white to off-white granules
рН	8.3±0.2 at 25°C
Storage	Store at RT, protect from direct light
Shelf life	Powder: at least 36 months when stored at RT

## **Product Description**

Each pack of Instant TAE Buffer produces 1 L of 1 × buffer (40 mM Tris-acetate, 1 mM EDTA). Instant TAE Buffer is used as a running buffer for nucleic acid agarose gel electrophoresis. Use TAE when separating DNA fragments larger than 10 kb. For longer run times, we recommend using TBE instead of TAE.

## **Preparation Notes**

- 1. Add the entire contents of one pouch of Instant TAE buffer into a glass beaker.
- 2. Add 500 ml of ultrapure water into the beaker and gently stir until completely dissolved.
- Transfer the TAE buffer solution into a measuring cylinder and add ultrapure water to 1 L final volume, yielding 1 × TAE buffer, pH 8.3.
- 4. Transfer to a screw-cap glass bottle or similar container for storage. Store at RT.



For research use only. Not for diagnostic or in vivo use.