

8025051/8025052

Instant TBE Buffer

Cat-No.	8025051	8025052
Size	10 packs/box	50 packs/box

Form	Crystalline powder, white to off-white granules
pH	8.35±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 TBE Buffer produces 1 L of 1 × buffer (89 mM Tris-boric acid, 2 mM EDTA). Instant TBE Buffer is used as a standard running buffer for nucleic acid agarose gel electrophoresis. Use TBE in particular when separating DNA fragments smaller than 1 kb and for longer run times.

Preparation Notes

1. Add the entire contents of one pouch of Instant TBE buffer into a glass beaker.
2. Add 500 ml of ultrapure water into the beaker and gently stir until completely dissolved.
3. Transfer the TBE buffer solution into a measuring cylinder and add ultrapure water to 1 L final volume, yielding 1 × TBE buffer, pH 8.35.
4. Transfer to a screw-cap glass bottle or similar container for storage. Store at RT.

