1 x TBE Buffer (powder)

Cat:T1052

Size: 5*1L/10*1L

Storage: Store at room temperature, shelf life of 2 years; The prepared solution is stored at room temperature with a shelf life of 12 months.

Product introduction:

TBE buffer is a nucleic acid electrophoresis buffer salt solution commonly used in biology, mainly used for DNA agarose gel electrophoresis. The main components of TBE are TRIS-Borate and EDTA, which have strong buffer capacity, suitable for longer electrophoresis time, high resolution, and good separation effect when electrophoresis fragments less than 1kb. The boric acid component in TBE buffer will affect the efficiency of DNA recovery and the subsequent enzyme reaction, so it is recommended to use TAE buffer for DNA fragment recovery experiment by agar-gel electrophoresis.

This product is TBE buffer premixed powder, which can be quickly prepared into 89mM Tris-boric, 2mM EDTA; pH=8.2-8.4, 1×TBE buffer.

To use:

1. Each bag of powder can be prepared into 1000ml of 1× TBE buffer.
2. Deionized water or double steaming water is used as solvent when preparing.
3. Take out all the powder in the bag and dissolve it in 800mL deionized water or distilled water, and the volume is fixed to 1000mL, that is, 1× TBE buffer.
4. The working concentration of TBE buffer is generally 0.5×, and 1×TBE buffer can be diluted 1 times before electrophoresis.

Precautions:

1. Make sure the required equipment is clean before preparing the solution.
2. for your safety and health, please wear the lab coat and wear disposable gloves and masks.

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