

# Crystal 10x TBE Buffer

**Exp. Date:** See pouch    **Product**    **Catalog number**  
**Batch No.:** See pouch    10x TBE Buffer    BIO-37104: 5 x 1000ml pouches



A Meridian Life Science® Company

## Storage and Stability:

The Crystal 10x TBE Buffer can be stored at room temperature for up to 3 years from the date of purchase. Once dissolved in water, the buffer can be stored at room temperature for 1 year.

## Shipping:

Crystal 10x TBE Buffer is shipped at ambient temperature

## Quality control:

Crystal buffers undergo extensive and stringent QC assays to guarantee batch-to-batch reproducibility.

## Composition

0.89M Tris-Borate, 0.02M EDTA, pH 8.3 at 25°C, when dissolved in deionized water and made up to 1000ml.

## Safety precautions:

May cause Irritation to eyes, respiratory system and skin. Please refer to the material safety data sheet for further information.

## Notes:

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only.

## Features:

- Reagents of the highest purity and quality
- Exactly pre-weighed powder in sealed pouches
- Ideal to standardize DNA electrophoresis
- Dissolve and go for greater convenience
- DNase and RNase free

## Applications:

- Agarose gel electrophoresis of short DNA fragments (<1500bp)

## Description

Crystal 10x TBE Buffer is a Tris-Borate-EDTA electrophoresis running buffer made from reagents with the highest purity and delivered in convenient ready-to-use sealed pouches. Each pouch contains a pre-determined amount of components, providing increased buffer precision. There is no need to spend time in the laboratory weighing and handling the loose components for the buffers. Simply dissolve the contents of the pouch in deionized water to the recommended volume and the buffer is ready for use without any further preparation.

Bioline Crystal buffers undergo extensive and stringent QC assays and the guaranteed batch-to-batch reproducibility provides consistent results.

## Protocol

Dissolve contents of one pouch in deionized water and make up the volume to 1000ml to obtain a 10x TBE buffer solution. For agarose gel electrophoresis dilute 10x TBE solution to a working concentration of 1x.

Optional: The buffer can be filtered through a 0.20µm filter to prevent or delay the formation of precipitates.

## Associated products:

Product Name	Pack Size	Catalog No.
HyperLadder™ I	100 Lanes	BIO-33053
Agarose	100g	BIO-41026
Crystal TAE Reagent	10 Pouches	BIO-37103

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