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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for MB-020-4000

50X Tris-Acetate-EDTA (TAE)

Overview

Description:	50X Tris-Acetate-EDTA (TAE) (2.0 M Tris-Acetate 0.05 M EDTA pH 8.3) (4 x 1 liter) - MB-020-4000
Item No.:	MB-020-4000
Size:	4 x 1 L

Product Details

Background:	Tris-Acetate-EDTA (TAE) is a buffer solution containing a mixture of Tris base, acetic acid and EDTA. TAE suitable for multiple molecular biology applications including agarose electrophoresis for the separation of nucleic acids such as DNA and RNA.
Synonyms:	Tris-Acetate-EDTA, (TAE), (2.0 M Tris-Acetate 0.05 M EDTA pH 8.3)

Target Details

Purity/Specificity:	Tris-Acetate-EDTA buffer was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.
Relevant Links:	• MB-020 SDS

Application Details

Application Note:	Tris-Acetate-EDTA (TAE) is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. Tris-Acetate-EDTA (TAE) consists of 2.0 M Tris-Acetate, 0.05 M EDTA at a pH of 8.3. Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade deionized water.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)

Concentration:	50 X
Buffer:	See application note.
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at room temperature (18° to 26° C) prior to opening.
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Bottle
50X Tris-Acetate-EDTA (TAE) (2.0 M Tris-Acetate 0.05 M EDTA pH 8.3)

References

- Boyd AI et al. D-alanine aminotransferase (Dat) promotes Staphylococcus aureus colonization fitness on human nasal respiratory epithelium. *bioRxiv.* (2026)

Disclaimer

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