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Datasheet for MB-003

1.0 M Tris HCl pH 7.6

Overview

Description:	1.0 M Tris HCl pH 7.6 - MB-003
Item No.:	MB-003
Size:	1 L
Applications:	Other

Product Details

Background:	Tris solution is an abbreviation of the organic compound known as tris (hydroxymethyl)aminomethane. Tris is extensively used in biochemistry and molecular biology. In biochemistry, Tris is widely used as a component of buffer solutions, such as in TAE and TBE buffer, especially for solutions of nucleic acids.
Synonyms:	Tris solution, THAM, tris(hydroxymethyl)aminomethane

Target Details

Purity/Specificity:	This product 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-003 SDS • MB-003 EU SDS

Application Details

Suggested Applications:	Other (Based on references)
Application Note:	Tris solution is suitable for molecular immunology, molecular biology and nucleic acid methodologies, when applicable. Visit our newly expanded web site at www.rockland.com for methods using this and other buffers. This product is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. This buffer consists of 1.0 M Tris HCl at pH 7.6. Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade (WFI) 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:	1.0 M
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. If desired, the solution may be stored at 4° C or less. Some salts may precipitate out of solution at lower temperature. Allow buffer to equilibrate to room temperature (18° to 26° C) to restore solubility of some salts.
Expiration:	Expiration date is six (6) months from date of receipt.

Images



Bottle
1.0 M Tris HCl pH 7.6

References

- Xi Y et al. Protocol for constructing whole-genome libraries from mini-biopsies by using laser capture microdissection. *STAR Protoc.* (2024)
- He Y et al. Diffusion-enhanced characterization of 3D chromatin structure reveals its linkage to gene regulatory networks and the interactome. *Genome Res.* (2023)
- Di L et al. Rapid and sensitive single-cell RNA sequencing with SHERRY2. *BMC Biol.* (2022)
- Weng J et al. Somatic MAP3K3 mutation defines a subclass of cerebral cavernous malformation. *Am J Hum Genet.* (2021)
- Meyer M et al. Ebola vaccine-induced protection in nonhuman primates correlates with antibody specificity and Fc-mediated effects. *Sci Transl Med.* (2021)
- Di L et al. RNA sequencing by direct tagmentation of RNA/DNA hybrids. *Proc Natl Acad Sci USA.* (2020)
- Li R et al. A body map of somatic mutagenesis in morphologically normal human tissues. *bioRxiv* (2020)

Disclaimer

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