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Datasheet for MB-027-1000

1.0 M Tris HCl pH 8.5

Overview

Description:	1.0 M Tris HCl pH 8.5 - MB-027-1000
Item No.:	MB-027-1000
Size:	1 L

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 additional buffer solutions, such as in TAE and TBE buffer, especially for solutions of nucleic acids. Visit our newly expanded web site at www.rockland.com for methods using this and other buffers.
Synonyms:	Tris buffer, Tris solution, THAM, tris(hydroxymethyl)aminomethane

Target Details

Purity/Specificity:	Tris HCl 1.0 M at pH 8.5 is meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade (WFI) water.
Relevant Links:	• MB-027 SDS

Application Details

Application Note:	Tris HCl solution is suitable for molecular immunology, molecular biology and nucleic acid methodologies, when applicable. This buffer consists of 1.0 M Tris HCl at pH 8.5. Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade (WFI) water. This product is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration.
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 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. 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 8.5

References

- Jeon HJ et al. A parent-of-origin effect on embryonic telomere elongation determines telomere length inheritance. *Curr Biol.* (2025)
- Kim M et al. Regulation of corneal stromal cell behavior by modulating curvature using a hydraulically-controlled organ chip array. *Nat Commun.* (2025)
- Kleinberg A et al. Practical solutions for overcoming artificial disulfide scrambling in the non-reduced peptide mapping characterization of monoclonal antibodies. *MAbs.* (2024)
- Tegowski M et al. Detection of m6A in single cultured cells using scDART-seq. *STAR Protoc.* (2022)

Disclaimer

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