

1M Tris-Cl, pH 8.0

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
	ML013-100ML	100 ml
	ML013-500ML	500 ml

Introduction

1M Tris-Cl, pH 8.0 is an extensively used buffer in Molecular Biology. It is also used as the major component of several buffer solutions, e.g. Tris-EDTA buffer, Tris-acetate EDTA buffer, Tris-borate EDTA buffer, Tris-buffered saline etc.

Description

Tris is the common name of tris (hydroxymethyl) aminomethane. It is a primary amine and is effective as a buffer in the pH range between 7.0 and 9.2. Tris does not precipitate calcium salts and maintains solubility of manganese salts. It has a low UV absorbance but strong temperature sensitivity. This buffer is supplied as 1M.

Application

Tris-HCl buffer has many applications in molecular biology work, including use in nucleic acid purification. This product can be diluted to obtain the desired concentration.

Composition

1M Tris-Cl pH 8.0 buffer consists of 1M Tris, adjusted to pH 8.0 with HCl. These solutions are ready for use and require no extra preparation.

Properties

Appearance/Color/Clarity	: Colorless clear solution and free of particles
pH	: 7.9 – 8.1
DNase & RNase	: None detected
Sterility	: No Bacterial or Fungal growth observed after 14 days of incubation as per USP Specifications
Suitability test	: This solution has been tested and is suitable for use in Molecular Biology Applications.

Storage conditions

1M Tris-Cl pH 8.0 has to be stored at (15-25°C). Under recommended condition, the reagent is stable for 48 months.

Warning and Precautions

Not for Medicinal Use. Read the SDS carefully before beginning the protocol. Wear protective gloves/protective clothing/eye protection/face protection. Follow good clinical laboratory practices while handling clinical samples. Standard precautions should be followed as per established guidelines. Safety guidelines may be referred in safety data sheets of the product.

Please refer disclaimer Overleaf.

Performance and Evaluation

Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The 1M Tris-Cl, pH 8.0 is for laboratory use only, not for drug, household or other uses. Take appropriate laboratory safety measures and wear gloves and safety goggles when handling. Not compatible with disinfecting agents containing bleach. Please refer the Safety Data Sheet (SDS) for information regarding hazards and safe handling practices.

Technical Assistance

At HiMedia we pride ourselves on the quality and availability of our technical support. For any kind of technical assistance, mail at mb@himedialabs.com.

Symbol

	Manufacturer		Do not use if package is damaged
	Batch code		Temperature limit
	Date of manufacture (YYYY-MM)		Consult instructions for use
	Use-by date (YYYY-MM)		Catalogue number

Identification No.: PIML013

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Disclaimer :

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