

### 1M Tris Cl, pH 8.0

Product Name	Product Code	Kit Packing
1M Tris Cl, pH 8.0	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	: Colorless solution
Clarity	: Clear 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 solution has to be stored at (15-25°C). Under recommended condition, the reagent is stable for 48 months.

Please refer disclaimer Overleaf.

## 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.

## Performance and Evaluation

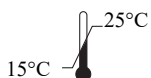
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

## 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](mailto:mb@himedialabs.com).



Storage temperature



Do not use if package is damaged



HiMedia Laboratories Private Limited,  
Reg. Off: Plot No. C-40, Road No. 21Y,  
MIDC, Wagle Industrial Area, Thane,  
(West) 400604, Maharashtra, INDIA.  
[www.himedialabs.com](http://www.himedialabs.com)



12/2024

PIML013\_0/1221

ML013-04

### Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

HiMedia Laboratories Pvt. Ltd. Reg. office : Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area, Thane, (West) 400604, Maharashtra, INDIA.  
Customer Care No.: 00-91-22-6116 9797 Tel: 00-91-22-6147 1919, 6903 4800 Email: [techhelp@himedialabs.com](mailto:techhelp@himedialabs.com) Website: [www.himedialabs.com](http://www.himedialabs.com)