

1M Tris Cl, pH 7.8

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
1M Tris Cl, pH 7.8	ML111-100ML	100 ml
	ML111-500ML	500 ml

Introduction:

1M Tris Cl, pH 7.8 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 7.8 buffer consists of 1M Tris, adjusted to pH 7.8 with HCl. This solution is ready for use and requires no extra preparation.

Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
pH	: 7.7 – 7.9
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

Please refer disclaimer Overleaf.

Storage conditions:

1M Tris Cl solution has to be stored at room temperature (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.

Performance and Evaluation

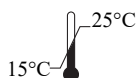
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

Safety Information

The 1M Tris Cl, pH 7.8 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.



Storage temperature



Do not use if package is damaged



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Disclaimer :

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