

## 1M Tris Cl, pH 7.2

<u>Product Name</u>	<u>Product Code</u>	<u>Kit Packing</u>
1M Tris Cl, pH 7.2	ML027-100ML	100 ml
	ML027-500 ML	500 ml

**Introduction:** 1M Tris Cl, pH 7.2 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 7.2 buffer consists of 1M Tris, adjusted to pH 7.2 with HCl. These solutions are ready for use and require no extra preparation.

### Properties:

Appearance	: Colorless solution
Clarity	: Clear and free of particles
pH	: 7.1 – 7.3
DNase & RNase	: None detected
UV absorbance	: <=0.05 at 290 nm
Bioburden	: None detected
Suitability test	: This solution has been tested and is suitable for use in various molecular biology assays

**Storage conditions :** 1M Tris Cl, pH 7.2 solution has to be stored at room temperature (15 - 25 °C).

### 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).

PIML027\_0/0712

ML027-00



#### Registered Office :

23, Vadhani Industrial Estate, LBS Marg,  
Mumbai - 400 086, India.  
Tel. : (022) 4017 9797 / 2500 1607  
Fax : (022) 2500 2286

#### Commercial Office

A-516, Swastik Disha Business Park,  
Via Vadhani Indl. Est., LBS Marg,  
Mumbai - 400 086, India

Tel: 00-91-22-6147 1919  
Fax: 6147 1920, 2500 5764  
Email : [info@himedialabs.com](mailto:info@himedialabs.com)  
Web : [www.himedialabs.com](http://www.himedialabs.com)