

### 0.3M Tris Buffer

| <u>Product Name</u> | <u>Product Code</u> | <u>Kit Packing</u> |
|---------------------|---------------------|--------------------|
| 0.3M Tris Buffer    | ML126-100ML         | 100ml              |
|                     | ML126-500ML         | 500ml              |

#### Introduction:

0.3M Tris Buffer is a buffer used in Molecular Biology and electrophoresis procedures. This solution is ready to use and provides a convenient stock solution for these applications.

#### 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 0.3M.

#### Application:

Suitable for use as a reconstitution buffer in enzymatic assays such as G-6-PDH determination.

#### Composition:

0.3M Tris Buffer consists of 0.3 M Tris. This solution is ready to use and require no extra preparation.

#### Properties:

|                  |  |
|------------------|--|
| Appearance       | : Colorless solution   |
| Clarity          | : Clear and free of particles  |
| pH               | : 10.1 – 11.1  |
| 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 various Molecular Biology applications. |

Please refer disclaimer Overleaf.

### Storage conditions:

0.3M Tris Buffer 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

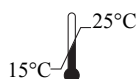
Performance of the solution is expected when the solution is stored at recommended temperature and within the expiry period.

### Safety Information

The 0.3M Tris Buffer 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



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### Disclaimer :

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