

# Data sheet

## 1M Tris Buffer (Tris-HCl), pH 7.4

Cat. No BR070: 1000 ml

### Introduction

Tris-HCl or Tris (hydroxymethyl)-aminomethane hydrochloride has been used in a variety of biological systems. Their uses include pH control *in vitro* and *in vivo*, being that coincides with the typical pH of most living organism. In molecular biology laboratories are used buffering system for electrophoresis assays (TAE and TBE).

### Applications

- Used in several techniques in molecular biology and biochemistry.
- DNA isolation.
- Electrophoresis buffer running (TAE and TBE)
- Used to cell cultures assays.

### Specifications

Chemicals: Analytical grade.  
Format: Solution.  
Concentration: 1M Tris-HCl  
Volume: 1000ml  
pH:  $7.4 \pm 0.05$  at 25 °C

### Shipping and storage

Tris-HCl buffer is shipped at room temperature. Store the product in a dry place at room temperature. Tris-HCl solutions can be store at room temperature or at 4 °C.

### Directions for use

Ready to use solution.



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