

**Datasheet for MB-002****1.0 M Tris HCl pH 7.4****Overview**

<b>Description:</b>	1.0 M Tris HCl pH 7.4 - MB-002
<b>Item No.:</b>	MB-002
<b>Size:</b>	1 L

**Product Details**

<b>Background:</b>	Tris is extensively used in biochemistry and molecular biology. In biochemistry, Tris is widely used as a component of additional buffer solutions, such as in TAE and TBE buffer, especially for solutions of nucleic acids. Tris HCl solution (tris(hydroxymethyl)aminomethane hydrochloride) is useful for stabilization of buffer formulations and electrophoresis of biological molecules. Visit our newly expanded web site at <a href="http://www.rockland.com">www.rockland.com</a> for methods using this and other buffers.
<b>Synonyms:</b>	Tris HCl buffer, Tris hydrochloride solution, tris(hydroxymethyl)aminomethane hydrochloride

**Target Details**

<b>Purity/Specificity:</b>	This product was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.
<b>Relevant Links:</b>	<ul style="list-style-type: none"><li><a href="#">MB-002 SDS</a></li></ul>

**Application Details**

<b>Application Note:</b>	Tris HCl solution is suitable for molecular immunology, molecular biology and nucleic acid methodologies, when applicable. This buffer consists of 1.0 M Tris HCl at pH 7.4. This product is a concentrated stock solution and should be diluted appropriately with distilled, deionized water or equivalent to its final working concentration. Meticulously prepared using ultra pure reagents dissolved in highly polished pharmaceutical grade (WFI) water.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

## Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
<b>Concentration:</b>	1.0M
<b>Buffer:</b>	See application note.
<b>Preservative:</b>	None
<b>Stabilizer:</b>	None

## Shipping & Handling

<b>Shipping Condition:</b>	Ambient
<b>Storage Condition:</b>	Store container at room temperature (18° to 26° C) prior to opening. If desired, the solution may be stored at 4° C or less. Some salts may precipitate out of solution at lower temperature. Allow buffer to equilibrate to room temperature (18° to 26° C) to restore solubility of some salts.
<b>Expiration:</b>	Expiration date is six (6) months from date of receipt.

## Images



**Bottle**  
1.0 M Tris HCl pH 7.4

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.