

# AG-1X TE BUFFER (pH-7.4)

## INTRODUCTION

AstraGene's 1X TE Buffer, pH 7.4 is an extensively used buffer in Molecular Biology. Its principal application includes protection of DNA and RNA from degradation. TE buffer, is composed of Tris, a buffering agent and EDTA, a chelating agent. EDTA prevents the degradation of DNA and RNA by chelating divalent metal ions which are required for nuclease activity.

## COMPOSITION

1X TE buffer, pH 7.4 consists of 10 mM Tris and 1 mM EDTA adjusted to pH 7.4. This buffer is supplied as a ready to use solution.

## PACKAGE CONTENTS

Description	Quantity
1X TE Buffer (pH-7.4)	1x100mL
	5x100mL
Product Code	AG/Buffer/Tris-EDTA/01
Catalogue No	AG/TEB/22/01

## STORAGE & STABILITY

- The 1X TE Buffer, pH 7.4 should be stored at room temperature. Use the reagents within 30 days once opened.

## APPLICATIONS

- 1X TE Buffer, pH 7.4 is mainly used in resuspension of DNA and RNA

## PROPERTIES:

Description	Specification
Appearance	Colorless solution
Clarity	Clear and free of particle
pH	7.3- 7.5
Bacterial /Fungal Contamination	No bacterial/ No fungal growth is observed after 7 days of incubation.

## SAFETY INFORMATION:

- When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs)
- Do not use the product if there is evidence of leakage.

## SYMBOLS:



CE mark of Conformity



Do not use if package is damaged



Refer to the instructions



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