RNA Elution Buffer (DNase/RNase Free)

Introduction

RNA Elution Buffer storage solution is a buffer with better RNA stability compared to TE buffer. The final step of each RNA isolation protocol is to resuspend the purified RNA precipitate. After extraction, it is crucial to suspend and store the particles in a safe, RNase free solution. RNA storage solutions have two characteristics that can minimize alkaline hydrolysis of RNA: low pH and sodium citrate (an efficient chelating agent). The RNA storage solution is compatible with all common RNA applications, such as reverse transcription, in vitro transcription, Northern analysis, and nuclease protection assays.

Formula

Formula: 1mm sodium citrate, pH 6.5

Prepare 1mm sodium citrate with ultrapure water, adjust to pH 6.5, add 0.1% DEPC and stir overnight, then package and sterilize.

Ordering Information

CAT.No.	Product Name	Package
C455	RNA Elution Buffer	5 x 20 ml

Specifications

Application	Dissolve RNA
Packaging	Polypropylene plastic bottles
Component	1mm sodium citrate, pH 6.5
Volume	5 x 20 ml
DNase	No detected
RNase	No detected
Sterilization	Under high temperature and pressure (121℃, 20 minutes)
Storage conditions	Room temperature
Valid	To prevent microbial growth during use, it is best to store at 2-8℃. The product can be stable for 1 year under these conditions.
Impurity	Ultrapure water preparation