RNA Elution Buffer (DNase/RNase Free)

Description

RNA Elution Buffer is a storage solution that provides better RNA stability compared to TE buffer. The final step in every RNA isolation protocol is the resuspension of the purified RNA pellet. After the laborious isolation of RNA, it is critical to suspend and store the pellet in a safe, RNase-free solution. RNA storage solution has two features that minimize alkaline hydrolysis of RNA: low pH and sodium citrate (an efficient chelating agent). RNA Elution Buffer is compatible with all common RNA applications, such as reverse transcription, in vitro transcription, Northern blot analysis, and nuclease protection assays.

Reagent Preparation

Formula: 1mM sodium citrate, pH 6.5

Prepare 1 mM sodium citrate solution with ultrapure water, adjust pH to 6.5. Add 0.1% DEPC stir and incubate overnight. Aliquot the solution and autoclave.

Product Specifications

CAT. No.	Product Name	Specification
C455	RNA Elution Buffer (DNase/RNase Free)	5×20 ml

Product Parameters

Application	Dissolution of RNA
Packaging	Polypropylene plastic bottle
Composition	1 mM Sodium citrate, pH 6.5
Volume	5 × 20 ml
DNase	Not detected
RNase	Not detected
Sterilization	Autoclaved (121°C, 20 minutes)
Storage Conditions	Store at room temperature. For long term storage, store at 2–8°C
Shelf Life	12 months
Preparation	Prepared with ultrapure water