



High Quality and Low Cost Life Science Reagents

Long-Term RNA Storage Buffer

Cat. No.

L 8801 (10x1ml)

L 8802 (40ml)

Store at -20°C

Description

Long-Term RNA Storage Buffer is designed to deliver greater RNA stability than standard 0.1 mM EDTA or TE buffer. Long-Term RNA Storage Buffer minimizes base hydrolysis by chelating free cations from solution with sodium citrate and by maintaining a low pH.

Application

This solution is ready for use and requires no extra preparation. Simply add an appropriate volume of Long-Term RNA Storage Buffer to RNA pellet and vortex until completely dissolved.

Components

1 mM Sodium Citrate, pH 6.4

Storage Condition

Store at -20° C. This product is shipped at ambient temperature. Upon receipt, store at -20° C

Quality Control

Long-Term RNA Storage Buffer is tested in the following quality control assays before and after packaging. Each solution is filtered through a 0.2 µm filter into the final package.

Nonspecific Endonuclease Activity:

A sample is incubated for 14–16 hr with supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.

Exonuclease Activity: A sample is incubated for 14–16 hr with labeled double-stranded DNA, followed by PAGE analysis.

RNase Activity: A sample is incubated for 14–16 hr with labeled RNA, followed by PAGE analysis.

For research use only. Not intended for any animal or human therapeutic or diagnostic use