

RNase A Solution

Research Use Only

Product Code

90210

Component

RNase A Solution (10mg/ml) 1.0 ml

Storage Condition

Store at -20°C

Description

RNase A Solution, DNase and protease-free is an endoribonuclease that specifically degrades single-stranded RNA at C and U residues. It cleaves the phosphodiester bond between the 5'-ribose of a nucleotide and the phosphate group attached to the 3'-ribose of an adjacent pyrimidine nucleotide. The resulting 2',3'-cyclic phosphate is hydrolyzed to the corresponding 3'-nucleoside phosphate.

Specifications

1. Activity: > 60 U/mg
2. Purity: > 99.0 %
3. DNase: None detected
4. CAS#: 9001-99-4

Applications

1. Plasmid and genomic DNA preparation
2. Removal of RNA from recombinant protein preparations

Sorce

Bovine pancreas

Quality Control

The absence of endo- and exo-deoxyribonucleases and proteases are confirmed by appropriate quality tests. Functionally tested for RNA digestion in a plasmid DNA purification procedure.

Storage and Stability

RNase A Solution is stable for 18 months when stored in a constant temperature freezer at less than -20°C.

Made in KOREA

This product was manufactured through ISO 9001 & 13485 system.