

RNase A Solution (10 mg/ml)

Product Name	Cat. No.	Size
RNase A Solution	B-2007	1.0 ml X 2

Package information

B-2007	RNase A Solution(10 mg/ml X 1.0 ml, ≥ 50 units/mg)
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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.

Source

Bovine pancreas

Definition of Activity Unit

One unit is the enzyme activity that causes a decrease in absorbance of A_0 to A_1 within 1 minute under assay conditions. A_0 to A_1 corresponds to the total conversion, A_1 being the final absorbance.

Applications

- Plasmid and genomic DNA preparation
- Removal of RNA from recombinant protein preparations

Quality control

The absence of endo- and exodeoxyribonucleases and proteases confirmed by appropriate Quality tests. Functionally tested for RNA digestion in a plasmid DNA purification procedure.

- Research Use Only
- Store at -20°C