

Product Information

RNase A Solution, 100 mg/mL

C/No.	K.RGT-9110-1ml
Concentration	100 mg/mL
Packaging	1 mL
Storage	Room Temperature (21 °C – 25 °C) Once opened, store at –20 °C

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Description

RNase A is an endoribonuclease that specifically degrades single-stranded RNA by cleaving the phosphodiester bond after pyrimidine nucleotides (C and U). The resulting 2',3'-cyclic phosphate intermediates are hydrolyzed to 3'-nucleoside phosphates. This preparation is DNase-free.

Applications

- Genomic DNA extraction
- Plasmid DNA extraction

Stability

RNase A Solution can be stored at room temperature for 24 months. Once opened, store the RNase A Solution at –20 °C.

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Quality Control

DNase Assay

No detectable contaminating endonuclease or exonuclease activity.

Protease Assay

No detectable protease activity.

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