



RNase A

(from bovine pancreas, DNase-free)

Cat. No.	size
E1350-01	10 mg
E1350-02	50 mg

Concentration:

700 U/ml (10 mg/ml)

Storage Conditions:

Store at -20°C.

References:

1. Sambrook, J. et. al., *Molecular Cloning, A Laboratory Manual*, 2nd ed., B.17.

RNase A is an endoribonuclease that attacks at the 3' phosphate of a pyrimidine nucleotide. The highest activity is exhibited with single stranded RNA.

Applications:

- A major application for RNase A is the removal of RNA from preparations of plasmid DNA. For this application, DNase-free RNase A is used at a final concentration of 10 µg/ml (1).
- Removal of RNA from recombinant protein preparations.

Storage Buffer:

50 mM Tris-HCl (pH 7.5 at 22°C) and 50% glycerol.

Quality Control:

All preparations are assayed for contaminating exonuclease and nonspecific endonuclease activities.