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Simplifying Genomics

epicentre[®]

RNase A

Cat. No. MRNA092

1. Introduction

Ribonuclease A (RNase A) is an endoribonuclease that cleaves single-stranded RNA at the 3' end of pyrimidine residues, forming oligoribonucleotides having 3'-terminal pyrimidine-3'-phosphates. Pyrimidine-3'-monophosphates are also released by RNase A cleavage of adjacent pyrimidine nucleotides.

Applications

- Removal of RNA from DNA preparations.
- Removal of unhybridized regions of RNA from DNA-RNA or RNA-RNA hybrids.

RNase A is available in a 2 mL size at a concentration of 5 mg/mL.

2. Product Specifications

Storage: Store only at -20°C in a freezer without a defrost cycle.

Composition and Concentration: RNase A is provided on the basis of weight at 5 mg/mL in Storage Buffer.

Storage Buffer: RNase A is supplied in a 50% glycerol solution containing 25 mM sodium acetate (pH 4.6).

Contaminating Activity Assays: RNase A is free of contaminating exo- and endodeoxyribonuclease activities.

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