ZYMO RESEARCH

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RNase A

Catalog Numbers:	E1008-8, E1008-24, E1008-30
Content:	RNase A, lyophilized (8 mg, 24 mg, or 30 mg)
Description:	Pancreatic RNase A specifically cleaves at the 3′-side of pyrimidine (uracil or cytosine) phosphate bonds. The enzyme does not hydrolyze DNA, because DNA lacks 2′-OH groups essential for the formation of cyclic intermediates. The enzyme can also be used to hydrolyze RNA from protein samples. It is compatible for use in RNase protection assays, to remove unspecifically bound RNA, in the analysis of RNA sequences, to hydrolyze RNA contained in protein samples, and in the purification of DNA.

Enzymatic Activity:	50-100 Kunitz units per mg protein
Shipping & Storage:	Store at room temperature (20-30°C). After reconstitution, place on ice until ready to use or store frozen aliquots (-20°C). Avoid repeated freeze/thawing.
Instructions:	1. Resuspend lyophilized RNase A in DNase/RNase-free water or TE to desired concentration. Mix by gentle inversion. 2. Add RNase A to the sample and mix well. The final concentration in the reaction should be between 10 - 100 µg/ml. 3. Incubate at room temperature for 15 minutes. 4. Proceed with DNA clean-up (e.g. Genomic DNA Clean & Concentrator™ -10, Cat. No. D4010 or DNA Clean and Concentrator™ -5, Cat. No. D4003).

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