

Datasheet for MB-117-0100

Ribonuclease T1

Overview

Description:	Ribonuclease T1 - MB-117-0100
Item No.:	MB-117-0100
Size:	100 ku
Origin:	Aspergillus oryzae

Product Details

Background:	Highly purified microbial (non-mammalian) RNase prepared with non-animal components. Supplied as a solution in 2.8M ammonium sulfate. One unit releases the equivalent of one unit A260 of acid-soluble products from yeast RNA in 15 minutes at 37°C at pH 7.5.
Species of Origin:	Aspergillus oryzae
Reagent Type:	Enzyme

Application Details

Application Note:	Ribonuclease T1 has extensive applications in molecular cloning, DNA sequencing, and as a non-mammalian source of RNase in various applications. Because of its specificity it has been a commonly used cleavage enzyme for the determination of structure, nearest neighbor frequencies, and RNA sequencing. The enzyme has further application in the preparation of nucleoside 2',3'-cyclic phosphates, the synthesis of oligonucleotides, and the removal of RNA from DNA preparations.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.58 mgP/mL by dry weight

Shipping & Handling

Shipping Condition: Wet Ice

Storage Condition: Store vial at 2-8° C or colder prior to opening product.

Disclaimer

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