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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

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

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