

★ Storage

Store at 2-8°C. **Protect from moisture.**

Contents

- Product Manual
- RNase A, Pancreatic, $> 2,500$ units per mg dry weight

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

★ Shipping Condition

Ship with ice pack.

★ Introduction

Pancreatic ribonuclease (RNase) is an endoribonuclease. It catalyzes the cleavage of the phosphodiester bond between the 5'-ribose of a nucleotide and the phosphate group attached to the 3'-ribose of an adjacent pyrimidine nucleotide. This cleavage forms a 2',3'-cyclic phosphate, which is then hydrolyzed to the corresponding 3'-nucleoside phosphat. RNase is found in greatest quantity in remnant pancreas. The major component of the crystalline enzyme is RNase A; a minor component is RNase B. RNase B is the glycosylated form of RNase A.

★ Description

Achromatographically purified, lyophilized powder.

★ Unit Definition

One unit causes an increase in absorbance of 1.0 at 260 nm at 37°C and pH 5.0 when yeast ribosomal RNA is hydrolyzed to acid soluble oligonucleotides.

★ Preparation

Prepare stock solution at 1mg/ml in reagent grade water.

★ Related Products

Product Name	Cat No
Oligo dT (18)	O1024
PureExtract RNAsol, Trizol equivalent	R6101
amfiRivert cDNA Synthesis Platinum Master Mix	R5600
RNazor, Rnase Decontamination Solution	R5800
amfiRivert Platinum One cDNA Synthesis Master Mix (4x)	R6100
RNazor, RNase Decontamination Solution	R7000
Water, DEPC Treated	W0805