



PB-L
Productos
Bio-Lógicos®

Innovación y Desarrollo en Biotecnología

DNase I RNase-Free

Cat. no. EC0901

Storage: -20°C

Contents

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DNase I RNase-Free	1U/ul 500 Kunitz Unit
Buffer RDD (10 X)	0,5 ml

PRODUCTOS BIO-LOGICOS

<http://www.pb-l.com.ar>

Important Notes

DNase I is sensitive to physical denaturation. Mix gently by inverting the tube. Do not vortex.

The DNase I RNase-Free could effectively eliminate DNA. The DNase I RNase-Free provides efficient on-column digestion of DNA during RNA purification, and also could be used in DNA digestion in RNA solution.

Mix gently by inverting. Do not vortex. Divide it into single-use aliquots, and store at -20°C for up to 9 months. Thawed aliquots can be stored at 2-8°C for up to 6 weeks. Do not refreeze the aliquots after thawing.

Removal of genomic DNA Protocol

1. Add to an RNase-free centrifuge tube:
 - 1 ug of RNA solution
 - 1 µl of Buffer 10 X RDD
 - 1 U of DNase I
 - Up to 10 µl with RNase-Free H₂O
 - Incubate at 20-25°C for 20 min
2. Inactivate the reaction adding 1 ul 50 mM EDTA and incubating at 65 °C for 10 min. Alternatively, use phenol/chloroform extraction

The product is used for research only, neither intended for the diagnosis, or treatment of a disease, nor for the food, or cosmetics.