

CERTIFICATE OF ANALYSIS

Ribonuclease Inhibitor from human placenta molecular biology grade	Cat.No. : 39568 Contr.No.: 180862
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Parameter	Method	Specification	Result
Storage conditions		solution in 20 mM HEPES/ KOH, 50 mM KCl, 8 mM reducing agent, 50% (v/v) glycerol pH 7.6	
Activity (U/μl)		40	40
Ribonucleases		not detected	corresponds
Nickases and Endonucleases		not detected	corresponds
Minimum shelf life			31.05.2020
Storage ($^{\circ}$C)			-15 to -25

Unit definition

1 unit is the enzyme amount required to inhibit by 50% the activity of 5 ng of ribonuclease A. A minimal concentration of DTT (1mM) is required to maintain the activity. If less than 1 mM DTT is used, the RNase inhibitor is irreversibly inactivated.

Assay conditions

Reaction volume : 50 μ l
³²P labelled RNA : 2 μ g
i.e.20 000cpm
(using T7 RNA Polymerase)
DTT : 1mM
RNase : 25ng
RNase Inhibitor : 0 to 40U
Incubation time : 1min.

We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

SERVA Electrophoresis GmbH
Quality Control

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Christian Monsler

Daniela Lux-Helmstetter

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