



Murine RNase Inhibitor (DAG-NWO01)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The required amount of RNase Inhibitor to inhibit 50% activity of 5-ng RNase A is defined as one unit. The activity of RNase A is measured by hydrolyzing of cyclic 2', 3'-CMP to generate 3'-CMP.
Species	Murine
Conjugate	N/A
Applications	RT-PCR
Stability	24 months
Format	Liquid
Concentration	40 U/ μ L
Size	2KU
Storage	Store at -20°C

BACKGROUND

Introduction	Murine RNase Inhibitor is purified from a recombinant strain of <i>E. coli</i> in a soluble form. It specifically inhibits the activity of RNases A, B and C through binding noncovalently in a 1:1 ratio with high affinity. Recombinant murine RNase inhibitor does NOT contain 2 oxidation-sensitive cysteine which are contained in human-origin RNase inhibitor. Therefore, murine RNase inhibitor has high anti-oxidation activity and is more stable for low DTT experiments (< 1mmol/L).
Keywords	RNase inhibitor; cDNA Synthesis