

Mouse Rnase2 (Non-secretory ribonuclease) ELISA Kit | Rnase2 elisa kit

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CATALOG #
AAA251060

REACTIVITY
Mouse

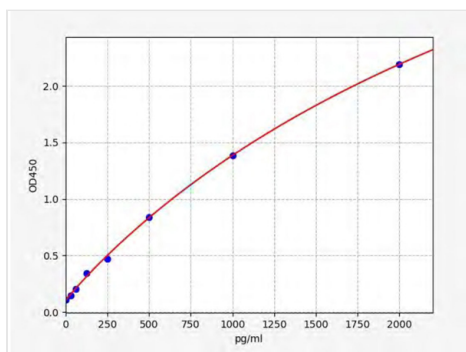
PRODUCT SYNONYMS

Rnase2 (Non-secretory ribonuclease); Mouse Rnase2 (Non-secretory ribonuclease) ELISA Kit; Rnase2; Non-secretory ribonuclease; Eosinophil cationic-type ribonuclease 4; MR-4; Ribonuclease 2 (RNase 2); Rnase2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize Rnase2, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.2-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Rnase2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Rnase2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti Rnase2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with Rnase2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of Rnase2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62945404
NCBI GeneID	53877
NCBI Accession #	NP_001017422.1
NCBI GenBank Nucleotide #	NM_001017422.1
UniProt Accession #	O35291
Molecular Weight	17,723 Da
NCBI Official Full Name	non-secretory ribonuclease
NCBI Official Synonym Full Names	eosinophil-associated, ribonuclease A family, member 4
NCBI Official Symbol	Ear4
NCBI Official Synonym Symbols	mR4; RNS2; Rnase2
NCBI Protein Information	non-secretory ribonuclease; murine ribonuclease 4; ribonuclease, RNase A family, 2; liver, eosinophil-derived neurotoxin; eosinophil cationic-type ribonuclease 4
UniProt Protein Name	Non-secretory ribonuclease
UniProt Gene Name	Rnase2
UniProt Synonym Gene Names	Ear4; RNase 2
UniProt Entry Name	RNAS2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/rnase2-non-secretory-ribonuclease/251060>