

Mouse ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) ELISA Kit | RNASE2 elisa kit

Mouse ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) , RNASE2 ELISA Kit

CATALOG #
AAA18102

REACTIVITY
Mouse

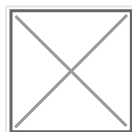
PRODUCT SYNONYMS

ribonuclease; RNase A family; 2 (liver; eosinophil-derived neurotoxin); Mouse ribonuclease; RNASE2 ELISA Kit; eosinophil-derived neurotoxin (RNASE2) ELISA kit; EDN; RNS2; ; RNASE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse RNASE2. No significant cross-reactivity or interference between mouse RNASE2 and analogues was observed.
Sequence Length	155
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%.Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASE2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RNASE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RNASE2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RNASE2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RNASE2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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://stage.aaabiotech.com/rnase2-mouse-elisa-kits/ribonuclease-rnase-a-family-2-liver-eosinophil-derived-neurotoxin/18102>