Human Non secretory ribonuclease (RNASE2) ELISA Kit | RNASE2 elisa kit

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CATALOG #	REACTIVITY
AAA245748	**Human**

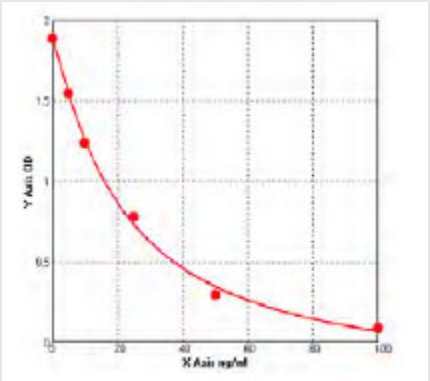
PRODUCT SYNONYMS

Non secretory ribonuclease (RNASE2); Human Non secretory ribonuclease (RNASE2) ELISA Kit; RNASE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASE2 elisa kit	Intended Uses: This RNASE2ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RNASE2. This ELISA kit for research use only! Principle of the Assay: RNASE2ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RNASE2antibody and an RNASE2-HRP conjugate. The assay sample and buffer are incubated together with RNASE2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RNASE2concentration since RNASE2from samples and RNASE2-HRP conjugate compete for the anti-RNASE2antibody binding site. Since the number of sites is limited, as more sites are occupied by RNASE2from the sample, fewer sites are left to bind RNASE2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RNASE2concentration in each sample is interpolated from this standard curve.

Product Categories/Family for RNASE2 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506549
NCBI GeneID	6036
NCBI Accession #	NP_002925.1
NCBI GenBank Nucleotide #	NM_002934.2
Molecular Weight	18,354 Da
NCBI Official Full Name	non-secretory ribonuclease
NCBI Official Synonym Full Names	ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin)
NCBI Official Symbol	RNASE2
NCBI Official Synonym Symbols	EDN; RAF3; RNS2
NCBI Protein Information	non-secretory ribonuclease; RNase 2; RNase UpI-2; ribonuclease 2; ribonuclease US; ribonuclease A F3; eosinophil-derived neurotoxin
UniProt Protein Name	Non-secretory ribonuclease
UniProt Gene Name	**RNASE2**
UniProt Synonym Gene Names	EDN; RNS2; RNase 2
UniProt Entry Name	RNAS2_HUMAN

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/human-elisa-kits/non-secretory-ribonuclease-rnase2/245748