

Human Ribonuclease T2 ELISA Kit | RNASET2 elisa kit

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CATALOG #
AAA84935

REACTIVITY
Human

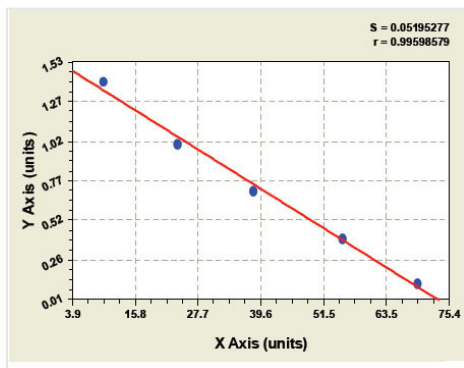
PRODUCT SYNONYMS

Ribonuclease T2; Human Ribonuclease T2 ELISA Kit; RNASET2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10g/mL
Sensitivity	0.1ng/mL
Intended Uses	This RNASET2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RNASET2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASET2 elisa kit

Principle of the assay: RNASET2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RNASET2 antibody and an RNASET2-HRP conjugate. The assay sample and buffer are incubated together with RNASET2-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 RNASET2 concentration since RNASET2 from samples and RNASET2-HRP conjugate compete for the anti-RNASET2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RNASET2 from the sample, fewer sites are left to bind RNASET2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RNASET2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145279200
NCBI GeneID	100037283
NCBI Accession #	NP_001077407.1
NCBI GenBank Nucleotide #	NM_001083938.2
Molecular Weight	29,609 Da
NCBI Official Full Name	ribonuclease T2
NCBI Official Synonym Full Names	ribonuclease T2A
NCBI Official Symbol	Rnaset2a
NCBI Official Synonym Symbols	C79750; Rnaset2; RNASE6PL; 0610007O07Rik; 4833423A10Rik; 4930532K22Rik
NCBI Protein Information	ribonuclease T2; ribonuclease 6
UniProt Protein Name	Ribonuclease T2
UniProt Gene Name	Rnaset2
UniProt Synonym Gene Names	Rnase6pl
UniProt Entry Name	RNT2_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.