

Rat Ribonuclease T2 (RNASET2) ELISA Kit | RNASET2 elisa kit

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CATALOG #
AAA182913

REACTIVITY
Rat

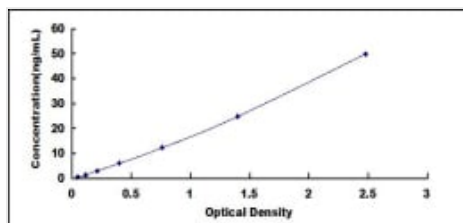
PRODUCT SYNONYMS

Ribonuclease T2 (RNASET2); Rat Ribonuclease T2 (RNASET2) ELISA Kit; Rnase-T2; RNASE6PL; RNASE6-PL; Ribonuclease 6; RNASET2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Ribonuclease T2 (RNASET2). No significant cross-reactivity or interference between Ribonuclease T2 (RNASET2) and analogues was observed.
Sequence Length	259
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.781-50ng/mL
Sensitivity	< 0.32ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ribonuclease T2 (RNASET2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ribonuclease T2 (RNASET2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASET2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ribonuclease T2 (RNASET2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ribonuclease T2 (RNASET2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Ribonuclease T2 (RNASET2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Ribonuclease T2 (RNASET2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145279200
NCBI GeneID	100037283
NCBI Accession #	NP_001077407.1
NCBI GenBank Nucleotide #	NM_001083938.2
UniProt Accession #	Q9CQ01; C0HKG5
Molecular Weight	29,609 Da
NCBI Official Full Name	ribonuclease T2-A
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-A; ribonuclease T2
UniProt Protein Name	Ribonuclease T2-A
UniProt Gene Name	Rnaset2a

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.