

Rat Ribonuclease T2 ELISA Kit | RNASET2 elisa kit

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CATALOG #
AAA100570

REACTIVITY
Rat

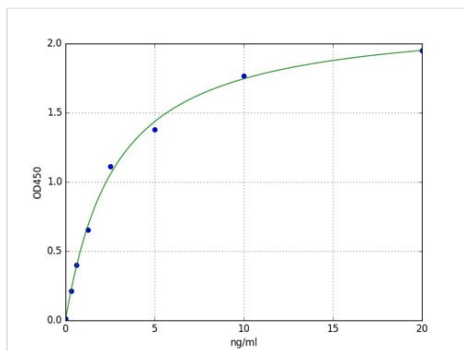
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	259
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Rat RNASET2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.015	0.239	0.394	0.752	0.972	1.626	1.983	2.299

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASET2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat RNASET2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat RNASET2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat RNASET2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat RNASET2 can be calculated.

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
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.

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Online datasheet: <https://www.aaabiotech.com/rnaset2-rat-elisa-kits/ribonuclease-t2/100570>