

Rat Ribonuclease T2 (RNASET2) CLIA Kit | RNASET2 clia kit

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CATALOG #
AAA130152

REACTIVITY
Rat

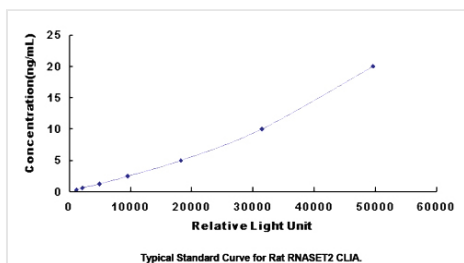
PRODUCT SYNONYMS

Ribonuclease T2 (RNASET2); Rat Ribonuclease T2 (RNASET2) CLIA Kit; Rnase-T2; RNASE6PL; RNASE6-PL; Ribonuclease 6; RNASET2 clia 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 and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	9.8pg/mL
Application	Chemiluminescent immunoassay 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 clia kit	The microplate 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 microplate 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. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Ribonuclease T2 (RNASET2) level in the sample or standard.;
Product Categories/Family for RNASET2 clia kit	Enzyme & Kinase; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	145279200
NCBI GeneID	100037283
NCBI Accession #	NP_001077407.1
NCBI GenBank Nucleotide #	NM_001083938.2
UniProt Accession #	Q9CQ01
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.