

Human Ribonuclease A6 (RNASE6) ELISA Kit | RNASE6 elisa kit

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CATALOG #
AAA67870

REACTIVITY
Human

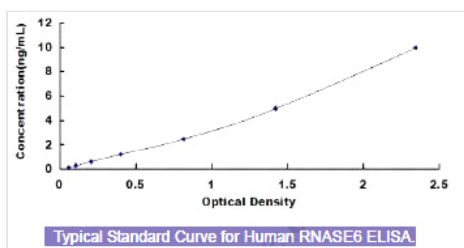
PRODUCT SYNONYMS

Ribonuclease A6 (RNASE6); Human Ribonuclease A6 (RNASE6) ELISA Kit; RNASE6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RNASE6. No significant cross-reactivity or interference between RNASE6 and analogues was observed.
Sequence Length	150
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RNASE6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RNASE6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASE6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RNASE6 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RNASE6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RNASE6. 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 RNASE6, 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 RNASE6 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 #	5032045
NCBI GeneID	6039
NCBI Accession #	NP_005606.1
NCBI GenBank Nucleotide #	NM_005615.4
UniProt Accession #	Q93091
Molecular Weight	17,196 Da
NCBI Official Full Name	ribonuclease K6
NCBI Official Synonym Full Names	ribonuclease A family member k6
NCBI Official Symbol	RNASE6
NCBI Official Synonym Symbols	RAD1; RNS6; RNasek6
NCBI Protein Information	ribonuclease K6
UniProt Protein Name	Ribonuclease K6
UniProt Gene Name	RNASE6
UniProt Synonym Gene Names	RNS6; RNase K6

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://stage.aaabiotech.com/human-elisa-kits/ribonuclease-a6-rnase6/67870>