

Human Ribonuclease A8 (RNASE8) ELISA Kit | RNASE8 elisa kit

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CATALOG #
AAA67797

REACTIVITY
Human

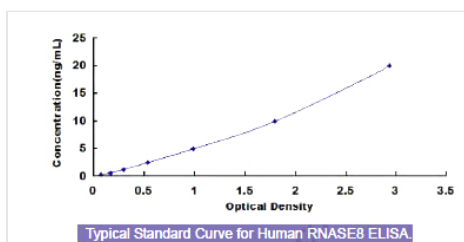
PRODUCT SYNONYMS

Ribonuclease A8 (RNASE8); Human Ribonuclease A8 (RNASE8) ELISA Kit; RNASE8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RNASE8. No significant cross-reactivity or interference between RNASE8 and analogues was observed.
Sequence Length	154
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.109ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RNASE8 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 RNASE8 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 RNASE8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RNASE8 in human 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 RNASE8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RNASE8. 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 RNASE8, 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 RNASE8 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 #	21687143
NCBI GeneID	122665
NCBI Accession #	NP_612204.1
NCBI GenBank Nucleotide #	NM_138331.2
UniProt Accession #	Q8TDE3; B2RPP6; B2RPP7
Molecular Weight	17,041 Da
NCBI Official Full Name	ribonuclease 8
NCBI Official Synonym Full Names	ribonuclease A family member 8
NCBI Official Symbol	RNASE8
NCBI Official Synonym Symbols	RAE2
NCBI Protein Information	ribonuclease 8
UniProt Protein Name	Ribonuclease 8
UniProt Gene Name	RNASE8
UniProt Synonym Gene Names	RNase 8

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-a8-rnase8/67797>