

Rat Ribonuclease A5 (RNASE5) ELISA Kit | RNASE5 elisa kit

Rat Ribonuclease A5 (RNASE5) ELISA Kit

CATALOG #
AAA68253

REACTIVITY
Rat

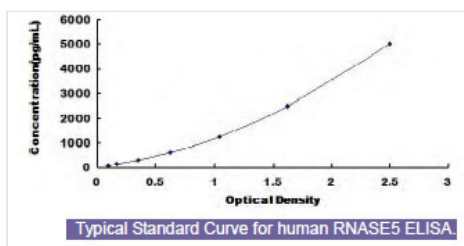
PRODUCT SYNONYMS

Ribonuclease A5 (RNASE5); Rat Ribonuclease A5 (RNASE5) ELISA Kit; ANG; Ribonuclease; RNase A Family 5; RNASE5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of RNASE5. No significant cross-reactivity or interference between RNASE5 and analogues was observed.
Sequence Length	145
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	26pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RNASE5 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 RNASE5 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 RNASE5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RNASE5 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RNASE5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RNASE5. 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 RNASE5, 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 RNASE5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742836
NCBI GeneID	305843
NCBI Accession #	NP_001006993.1
NCBI GenBank Nucleotide #	NM_001006992.1
UniProt Accession #	Q5WRG2
Molecular Weight	16,079 Da
NCBI Official Full Name	angiogenin
NCBI Official Synonym Full Names	angiogenin
NCBI Official Symbol	Ang
NCBI Official Synonym Symbols	Ang1
NCBI Protein Information	angiogenin
UniProt Protein Name	Angiogenin
UniProt Gene Name	Ang

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.