

Human Ribonuclease A7 (RNASE7) ELISA Kit | RNASE7 elisa kit

Human Ribonuclease A7 (RNASE7)(Sandwich ELISA) ELISA Kit

CATALOG # AAA189558	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

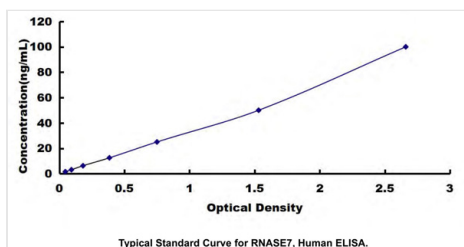
PRODUCT SYNONYMS

Ribonuclease A7 (RNASE7); Human Ribonuclease A7 (RNASE7)(Sandwich ELISA) ELISA Kit; High Sensitive ELISA Kit for Ribonuclease A7 (RNASE7); RNASE7/Ribonuclease A7; SAP-2; Rnase-A7; Ribonuclease; RNase A Family 7; Skin-derived antimicrobial protein 2; RNASE7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RNASE7. No significant cross-reactivity or interference between RNASE7 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.59ng/mL
Applicable Applications for RNASE7 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RNASE7 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 RNASE7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). 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 RNASE7 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to RNASE7. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to RNASE7. 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 RNASE7, 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 RNASE7 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RNASE7 in human tissue homogenates and other biological fluids.
Product Categories/Family for RNASE7 elisa kit	Enzyme & Kinase; Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	153252081
NCBI GeneID	84659
NCBI Accession #	NP_115961.2
NCBI GenBank Nucleotide #	NM_032572.3
UniProt Accession #	Q9H1E1; P80927; P83685; Q546N3
NCBI Official Full Name	ribonuclease 7
NCBI Official Synonym Full Names	ribonuclease, RNase A family, 7
NCBI Official Symbol	RNASE7
NCBI Protein Information	ribonuclease 7; RNase 7; SAP-2; skin-derived antimicrobial protein 2
UniProt Protein Name	Ribonuclease 7
UniProt Gene Name	RNASE7
UniProt Synonym Gene Names	RNase 7; SAP-2
UniProt Entry Name	RNAS7_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ribonuclease-a7-rnase7/189558>