

Human ribonuclease, RNase A family, 7 ELISA Kit | RNASE7 elisa kit

Human Ribonuclease 7, RNASE7 ELISA Kit

CATALOG #
AAA18190

REACTIVITY
Human

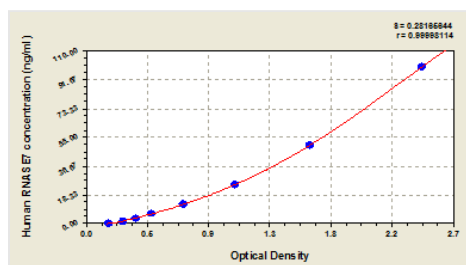
PRODUCT SYNONYMS

ribonuclease; RNase A family; 7; Human Ribonuclease 7; RNASE7 ELISA Kit; Human Ribonuclease 7 (RNASE7) ELISA kit; MGC133220; ribonuclease 7; RNASE7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human RNASE7. No significant cross-reactivity or interference between human RNASE7 and analogues was observed.
Sequence Length	156
Samples	Serum, plasma, urine, saliva, urine, saliva, urine, saliva, urine, saliva, urine, saliva, urine, saliva, urine, saliva, urine, saliva, urine, saliva, urine, saliva, cell culture supernates, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	1.56 ng/ml -100 ng/ml.
Sensitivity	0.39 ng /ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNASE7 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RNASE7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RNASE7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RNASE7 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RNASE7 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
Molecular Weight	17,419 Da
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; SAP-2; RNase 7; skin-derived antimicrobial protein 2
UniProt Protein Name	Ribonuclease 7
UniProt Gene Name	RNASE7
UniProt Synonym Gene Names	UNQ2516/PRO6006; 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.

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Online datasheet: <https://stage.aaabiotech.com/rnase7-human-elisa-kits/ribonuclease-rnase-a-family-7/18190>