Human RNASEL (2-5A-dependent ribonuclease) ELISA Kit | RNASEL elisa kit

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CATALOG #	REACTIVITY
AAA250526	**Human**

PRODUCT SYNONYMS

RNASEL (2-5A-dependent ribonuclease); Human RNASEL (2-5A-dependent ribonuclease) ELISA Kit; 2-5A-dependent ribonuclease; 2-5A-dependent Rnase; Ribonuclease 4; Ribonuclease L (RNase L); RNASEL; RNASEL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RNASEL. No significant cross-reactivity or interference between RNASEL and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for RNASEL elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863929
NCBI GeneID	6041
NCBI Accession #	NP_066956.1
NCBI GenBank Nucleotide #	NM_021133.3
UniProt Accession #	Q05823; Q5W0L2; Q6AI46
Molecular Weight	73,416 Da
NCBI Official Full Name	2-5A-dependent ribonuclease

NCBI Official Synonym Full Names	ribonuclease L
NCBI Official Symbol	RNASEL
NCBI Official Synonym Symbols	RNS4; PRCA1
NCBI Protein Information	2-5A-dependent ribonuclease
UniProt Protein Name	2-5A-dependent ribonuclease
UniProt Gene Name	**RNASEL**
UniProt Synonym Gene Names	RNS4; 2-5A-dependent RNase; RNase L

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/rnasel-2-5a-dependent-ribonuclease/250526