

Human V(D)J recombination-activating protein 1 ELISA Kit | RAG1 elisa kit

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CATALOG #
AAA56524

REACTIVITY
Human

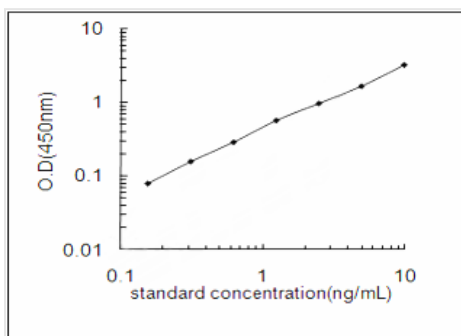
PRODUCT SYNONYMS

V(D)J recombination-activating protein 1; Human V(D)J recombination-activating protein 1 ELISA Kit; RAG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human RAG-1. No significant cross-reactivity or interference was observed.
Sequence Length	1043
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.098ng/mL
Intra-Assay CV	<=4.1%
Inter-Assay CV	<=7.3%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAG1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RAG-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for RAG-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain RAG-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of RAG-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557841
NCBI GeneID	5896
NCBI Accession #	NP_000439.1
NCBI GenBank Nucleotide #	NM_000448.2
UniProt Accession #	P15918; Q8IY72; Q8NER2; E9PPC4
Molecular Weight	106,179 Da
NCBI Official Full Name	V(D)J recombination-activating protein 1
NCBI Official Synonym Full Names	recombination activating gene 1
NCBI Official Symbol	RAG1
NCBI Official Synonym Symbols	RAG-1; RNF74
NCBI Protein Information	V(D)J recombination-activating protein 1
UniProt Protein Name	V(D)J recombination-activating protein 1
UniProt Gene Name	RAG1
UniProt Synonym Gene Names	RNF74; RAG-1
UniProt Entry Name	RAG1_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/rag1-human-elisa-kits/v-d-j-recombination-activating-protein-1/56524>