

Human V(D)J recombination-activating protein 2 ELISA Kit | RAG2 elisa kit

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CATALOG #
AAA98364

REACTIVITY
Human

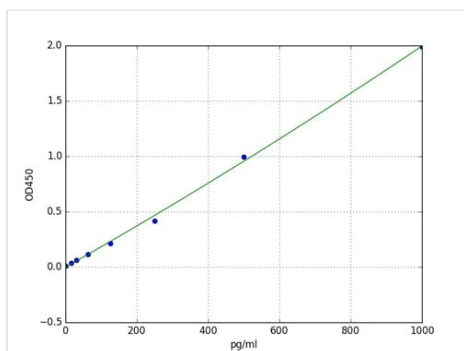
PRODUCT SYNONYMS

V(D)J recombination-activating protein 2; Human V(D)J recombination-activating protein 2 ELISA Kit; RAG-2 (Recombination Activating Gene 2)/RAG2; RAG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	527
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human RAG2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.057	0.123	0.165	0.273	0.483	0.815	1.473	2.254

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAG2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human RAG2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human RAG2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human RAG2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human RAG2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6677661

NCBI GeneID	19374
NCBI Accession #	NP_033046.1
NCBI GenBank Nucleotide #	NM_009020.3
Molecular Weight	59,074 Da
NCBI Official Full Name	V(D)J recombination-activating protein 2
NCBI Official Synonym Full Names	recombination activating gene 2
NCBI Official Symbol	Rag2
NCBI Official Synonym Symbols	Rag-2
NCBI Protein Information	V(D)J recombination-activating protein 2
UniProt Protein Name	V(D)J recombination-activating protein 2
UniProt Gene Name	Rag2
UniProt Synonym Gene Names	Rag-2; RAG-2
UniProt Entry Name	RAG2_MOUSE

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/rag2-human-elisa-kits/v-d-j-recombination-activating-protein-2/98364>