

Human Interleukin-15 receptor subunit alpha ELISA Kit | IL15RA elisa kit

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CATALOG #
AAA98996

REACTIVITY
Human

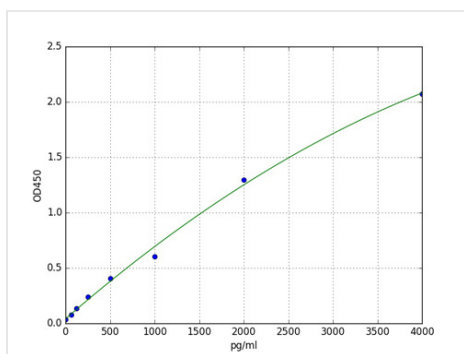
PRODUCT SYNONYMS

Interleukin-15 receptor subunit alpha; Human Interleukin-15 receptor subunit alpha ELISA Kit; IL15RA/CD215/Interleukin-15 receptor subunit alpha/IL-15 R alpha/IL-15 receptor subunit alpha/IL-15RA/IL-15R-alpha/interleukin 15 receptor; alpha; IL15RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	166
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/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 IL15RA 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	62.5	125	250	500	1000	2000	4000
Y	OD450	0.018	0.025	0.032	0.084	0.189	0.434	1.273	2.312

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL15RA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-IL15RA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-IL15RA 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 IL15RA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of IL15RA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	407970986
NCBI GeneID	16169
NCBI Accession #	NP_001258430.1
NCBI GenBank Nucleotide #	NM_001271501.1
Molecular Weight	16,929 Da
NCBI Official Full Name	interleukin-15 receptor subunit alpha isoform 6
NCBI Official Synonym Full Names	interleukin 15 receptor, alpha chain
NCBI Official Symbol	IL15ra
NCBI Official Synonym Symbols	IL-15RA; AA690181
NCBI Protein Information	interleukin-15 receptor subunit alpha
UniProt Protein Name	Interleukin-15 receptor subunit alpha
UniProt Gene Name	IL15ra
UniProt Synonym Gene Names	IL-15 receptor subunit alpha; IL-15R-alpha; IL-15RA; sIL-15 receptor subunit alpha; sIL-15R-alpha; sIL-15RA
UniProt Entry Name	I15RA_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/il15ra-human-elisa-kits/interleukin-15-receptor-subunit-alpha/98996>