

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

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CATALOG #
AAA123566

REACTIVITY
Human

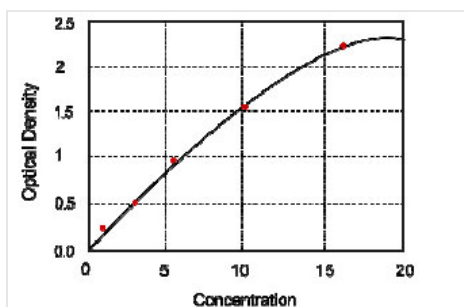
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	166
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 4500ng/L
Sensitivity	9.92ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL15RA elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin-15 receptor subunit alpha (also known as IL15RA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL15RA antibody. IL15RA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL15RA Antibody is added and binds to IL15RA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL15RA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL15RA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	407970986
NCBI GeneID	16169
NCBI GenBank Nucleotide #	NP_001258430.1
UniProt Accession #	Q60819
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/human-elisa-kits/interleukin-15-receptor-subunit-alpha-il15ra/123566>