

Human Interleukin-15 ELISA Kit | IL15RA elisa kit

Human Interleukin-15 receptor subunit alpha (IL15RA) ELISA Kit

CATALOG #
AAA55829

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin-15; Human Interleukin-15 receptor subunit alpha (IL15RA) ELISA Kit; RP11-536K7.2; MGC104179;; IL15RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL15RA. No significant cross-reactivity or interference between Human IL15RA and analogues was observed.
Sequence Length	162
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL15RA elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL15RA in samples. An antibody specific for IL15RA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL15RA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL15RA is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL15RA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343780891
NCBI GeneID	3601
NCBI Accession #	NP_001230468.1
NCBI GenBank Nucleotide #	NM_001243539.1
UniProt Accession #	Q13261 ; Q3B769 ; Q5JVA1 ; Q5JVA2 ; Q5JVA4 ; Q6B0J2 ; Q7LDR4 ; Q7Z609 ; B4E2C2

Molecular Weight	24,388 Da
NCBI Official Full Name	interleukin-15 receptor subunit alpha isoform 3
NCBI Official Synonym Full Names	interleukin 15 receptor subunit alpha
NCBI Official Symbol	IL15RA
NCBI Official Synonym Symbols	CD215
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

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://www.aaabiotech.com/il15ra-human-elisa-kits/interleukin-15/55829>