

Human interleukin 15 receptor, alpha ELISA Kit | IL15RA elisa kit

Human Interleukin-15 receptor subunit alpha, IL15RA ELISA Kit

CATALOG #
AAA112993

REACTIVITY
Human

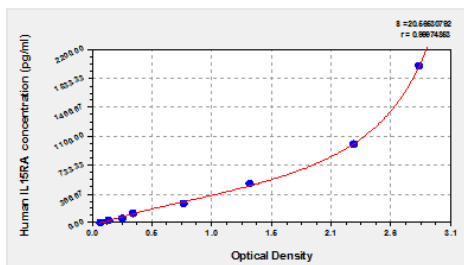
PRODUCT SYNONYMS

interleukin 15 receptor; alpha; Human Interleukin-15 receptor subunit alpha; IL15RA ELISA Kit; 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 bovine IL-12. No significant cross-reactivity or interference between bovine IL-12 and analogues was observed.
Sequence Length	231
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL15RA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-12 is added to the wells. After washing, avidin 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 IL-12 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	28,233 Da
NCBI Official Full Name	interleukin-15 receptor subunit alpha isoform 3
NCBI Official Synonym Full Names	interleukin 15 receptor, alpha
NCBI Official Symbol	IL15RA
NCBI Official Synonym Symbols	CD215
NCBI Protein Information	interleukin-15 receptor subunit alpha; interleukin 15 receptor alpha isoform EM2; interleukin 15 receptor alpha isoform IC2; interleukin 15 receptor alpha isoform IC3; interleukin 15 receptor alpha isoform IC4; interleukin 15 receptor alpha isoform IC5; interleukin 15 receptor alpha isoform IC6; interleukin 15 receptor alpha isoform IC7; interleukin 15 receptor alpha isoform IC8
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_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/il15ra-human-elisa-kits/interleukin-15-receptor-alpha/112993>