

Human interleukin 2 receptor, alpha ELISA Kit | IL2RA elisa kit

Human soluble interleukin-2 receptor, IL-2sRalpha ELISA Kit

CATALOG #
AAA80126

REACTIVITY
Human

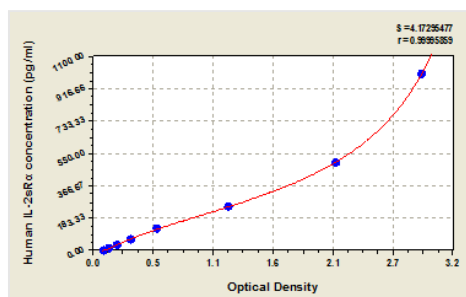
PRODUCT SYNONYMS

interleukin 2 receptor; alpha; Human soluble interleukin-2 receptor; IL-2sRalpha ELISA Kit; IL-2sRalpha ELISA kit; RP11-536K7.1; CD25; IDDM10; IL2R; TCGFR; ; IL2RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL-2sRalpha. No significant cross-reactivity or interference between human IL-2sRalpha and analogues was observed.
Sequence Length	272
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	78 pg/ml -5000 pg/ml
Sensitivity	Typically less than 19.5 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 IL2RA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-2sRalpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-2sRalpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-2sRalpha 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-2sRalpha 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 #	4557667
NCBI GeneID	3559
NCBI Accession #	NP_000408.1
NCBI GenBank Nucleotide #	NM_000417.2
UniProt Accession #	P01589; Q5W007
Molecular Weight	30,819 Da
NCBI Official Full Name	interleukin-2 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 2 receptor, alpha
NCBI Official Symbol	IL2RA
NCBI Official Synonym Symbols	p55; CD25; IL2R; TCGFR; IDDM10
NCBI Protein Information	interleukin-2 receptor subunit alpha; TAC antigen; IL-2R subunit alpha; IL-2 receptor subunit alpha
UniProt Protein Name	Interleukin-2 receptor subunit alpha
UniProt Gene Name	IL2RA
UniProt Synonym Gene Names	IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA
UniProt Entry Name	IL2RA_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/il2ra-human-elisa-kits/interleukin-2-receptor-alpha/80126>