

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

Mouse soluble interleukin-2 receptor, sIL-2Ralpha ELISA Kit

CATALOG #
AAA80552

REACTIVITY
Mouse

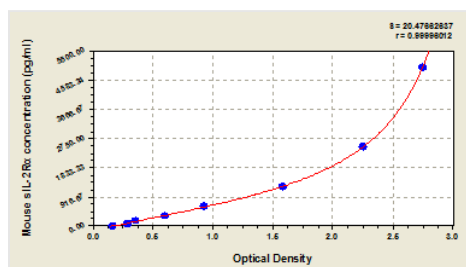
PRODUCT SYNONYMS

interleukin 2 receptor; alpha; Mouse soluble interleukin-2 receptor; sIL-2Ralpha ELISA Kit; sIL-2Ralpha ELISA kit; RP11-536K7.1; CD25; IDDM10; IL2R; TCGFR; ; IL2RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse sIL-2Ralpha. No significant cross-reactivity or interference between mouse sIL-2Ralpha and analogues was observed.
Sequence Length	268
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml.
Sensitivity	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 sIL-2Ralpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sIL-2Ralpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sIL-2Ralpha 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 sIL-2Ralpha 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 #	254540187
NCBI GeneID	16184
NCBI Accession #	NP_032393.3
NCBI GenBank Nucleotide #	NM_008367.3
UniProt Accession #	P01590; Q61731
Molecular Weight	30,723 Da
NCBI Official Full Name	interleukin-2 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 2 receptor, alpha chain
NCBI Official Symbol	IL2ra
NCBI Official Synonym Symbols	CD25; IL2r; Ly-43
NCBI Protein Information	interleukin-2 receptor subunit alpha; IL2-RA; IL-2-RA; p55 chain; IL-2R alpha chain; 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	IL2r; IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA
UniProt Entry Name	IL2RA_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/il2ra-mouse-elisa-kits/interleukin-2-receptor-alpha/80552>