

Mouse Soluble Interleukin 2a receptor ELISA Kit | IL-2sRa elisa kit

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CATALOG #
AAA16410

REACTIVITY
Mouse

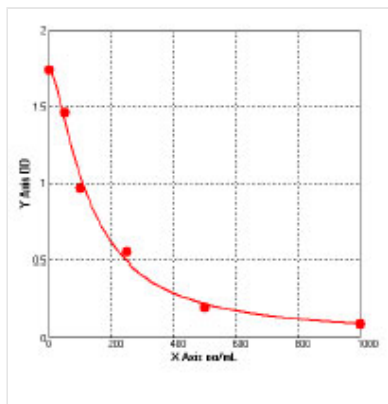
PRODUCT SYNONYMS

Soluble Interleukin 2a receptor; Mouse Soluble Interleukin 2a receptor ELISA Kit; IL-2sRa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of sIL-2AR. No significant cross-reactivity or interference between sIL-2AR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sIL-2AR and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-2sRa elisa kit	Principle of the Assay: sIL-2AR ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-sIL-2AR antibody and an sIL-2AR-HRP conjugate. The assay sample and buffer are incubated together with sIL-2AR-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the sIL-2AR concentration since sIL-2AR from samples and sIL-2AR-HRP conjugate compete for the anti-sIL-2AR antibody binding site. Since the number of sites is limited, as more sites are occupied by sIL-2AR from the sample, fewer sites are left to bind sIL-2AR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sIL-2AR concentration in each sample is interpolated from this standard curve. Intended Uses: This sIL-2AR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse sIL-2AR. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for IL-2sRa elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119606818
NCBI GeneID	3559
Molecular Weight	30,819 Da
NCBI Official Full Name	interleukin 2 receptor, alpha, isoform CRA_a, partial
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://www.aaabiotech.com/il-2sra-mouse-elisa-kits/soluble-interleukin-2a-receptor/16410>