

Goat Soluble Interleukin 2beta receptor ELISA Kit | IL-2sRbeta elisa kit

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CATALOG #
AAA90965

REACTIVITY
Goat

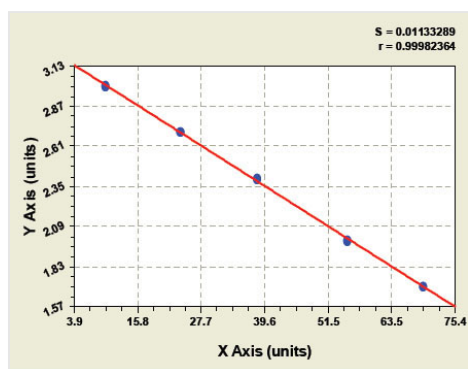
PRODUCT SYNONYMS

Soluble Interleukin 2beta receptor; Goat Soluble Interleukin 2beta receptor ELISA Kit; Goat Soluble Interleukin 2b receptor ELISA Kit; IL-2sRbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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-2sRbeta elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This IL-2sR? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat IL-2sR?. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY IL-2sR? ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-2sR? antibody and an IL-2sR?-HRP conjugate. The assay sample and buffer are incubated together with IL-2sR?-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 IL-2sR? concentration since IL-2sR? from samples and IL-2sR?-HRP conjugate compete for the anti-IL-2sR? antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-2sR? from the sample, fewer sites are left to bind IL-2sR?-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-2sR? concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678543
NCBI GeneID	3560
UniProt Accession #	P14784; B2R765
Molecular Weight	61,117 Da
NCBI Official Full Name	IL2RB
NCBI Official Synonym Full Names	interleukin 2 receptor, beta
NCBI Official Symbol	IL2RB
NCBI Official Synonym Symbols	CD122; IL15RB; P70-75
NCBI Protein Information	interleukin-2 receptor subunit beta; p75; IL-2RB; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 15 receptor, beta; high affinity IL-2 receptor beta subunit; high affinity IL-2 receptor subunit beta
UniProt Protein Name	Interleukin-2 receptor subunit beta
UniProt Gene Name	IL2RB
UniProt Synonym Gene Names	IL-2 receptor subunit beta; IL-2R subunit beta; IL-2RB; p75
UniProt Entry Name	IL2RB_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/il-2srbeta-goat-elisa-kits/soluble-interleukin-2beta-receptor/90965>