

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

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CATALOG #
AAA86171

REACTIVITY
Human

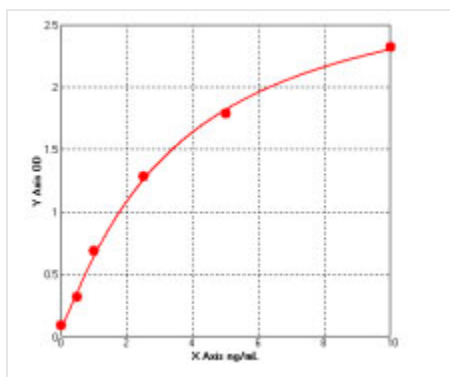
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of sIL-2betaR. No significant cross-reactivity or interference between sIL-2betaR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sIL-2betaR and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid d tissue homogenat
Sensitivity	0.1 ng/mL
Highest Standards	1000pg/mL
Concentration of Standards	Concentration of Standards
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	Principle of the Assay: sIL-2betaR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for sIL-2betaR. Standards or samples are then added to the microtiter plate wells and sIL-2betaR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of sIL-2betaR present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for sIL-2betaR are added to each well to "sandwich" the sIL-2betaR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain sIL-2betaR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sIL-2betaR concentration in each sample is interpolated from this standard curve. Intended Uses: This sIL-2betaR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human sIL-2betaR. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for IL 2sRbeta elisa kit	Immunology

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-human-elisa-kits/soluble-interleukin-2beta-receptor/86171>