

Monkey Cytokine receptor common subunit gamma (IL2RG) ELISA Kit | IL2RG elisa kit

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CATALOG #
AAA27101

REACTIVITY
Monkey

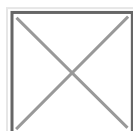
PRODUCT SYNONYMS

Cytokine receptor common subunit gamma (IL2RG); Monkey Cytokine receptor common subunit gamma (IL2RG) ELISA Kit; IL2RG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of IL2RG. No significant cross-reactivity or interference between IL2RG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL2RG and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL2RG elisa kit

Intended Uses: This IL2RG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MonkeyIL2RG. This ELISA kit for research use only, not for therapeutic or test applications!

Principle of the Assay: IL2RG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL2RG antibody and an IL2RG-HRP conjugate. The assay sample and buffer are incubated together with IL2RG-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 IL2RG concentration since IL2RG from samples and IL2RG-HRP conjugate compete for the anti-IL2RG antibody binding site. Since the number of sites is limited, as more sites are occupied by IL2RG from the sample, fewer sites are left to bind IL2RG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL2RG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL2RG elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557882
NCBI GeneID	3561
NCBI Accession #	NP_000197.1
NCBI GenBank Nucleotide #	NM_000206.2
Molecular Weight	20,088 Da
NCBI Official Full Name	cytokine receptor common subunit gamma
NCBI Official Synonym Full Names	interleukin 2 receptor, gamma
NCBI Official Symbol	IL2RG
NCBI Official Synonym Symbols	P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1
NCBI Protein Information	cytokine receptor common subunit gamma; gammaC; CD132 antigen; IL-2R subunit gamma; IL-2 receptor subunit gamma; common cytokine receptor gamma chain
UniProt Protein Name	Cytokine receptor common subunit gamma
UniProt Gene Name	IL2RG
UniProt Synonym Gene Names	IL-2 receptor subunit gamma; IL-2R subunit gamma; IL-2RG
UniProt Entry Name	IL2RG_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/monkey-elisa-kits/cytokine-receptor-common-subunit-gamma-il2rg/27101>