

Human interleukin 2 receptor, gamma (severe combined immunodeficiency) ELISA Kit | IL2RG elisa kit

Human Cytokine receptor common subunit gamma, IL2RG ELISA Kit

CATALOG #
AAA112560

REACTIVITY
Human

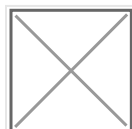
PRODUCT SYNONYMS

interleukin 2 receptor; gamma (severe combined immunodeficiency); Human Cytokine receptor common subunit gamma; IL2RG ELISA Kit; Human Cytokine receptor common subunit gamma (IL2RG) ELISA kit; CD132; IMD4; SCIDX; SCIDX1; common cytokine receptor gamma chain; interleukin 2 receptor gamma chain; gamma; IL2RG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL2RG. No significant cross-reactivity or interference between Human IL2RG and analogues was observed.
Sequence Length	369
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Host-virus interaction
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 IL2RG elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL2RG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL2RG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL2RG 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 IL2RG 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 #	4557882
NCBI GeneID	3561
NCBI Accession #	NP_000197.1
NCBI GenBank Nucleotide #	NM_000206.2
UniProt Accession #	P31785; Q5FC12
Molecular Weight	44307
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il2rg-human-elisa-kits/interleukin-2-receptor-gamma-severe-combined-immunodeficiency/112560>