

Human interleukin 31 receptor A ELISA Kit | IL31RA elisa kit

Human Interleukin-31 receptor subunit alpha, IL31RA ELISA Kit

CATALOG #
AAA112662

REACTIVITY
Human

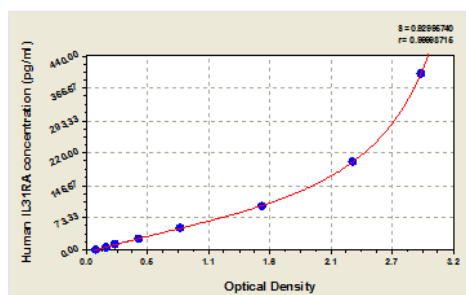
PRODUCT SYNONYMS

interleukin 31 receptor A; Human Interleukin-31 receptor subunit alpha; IL31RA ELISA Kit; Human Interleukin-31 receptor subunit alpha (IL31RA) ELISA kit; CRL; CRL3; GLM-R; GLMR; GPL; IL-31RA; MGC125346; PRO21384; GP130 like receptor; class I cytokine receptor; gp130-like monocyte receptor; soluble type I cytokine receptor CRL3; IL31RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL31RA. No significant cross-reactivity or interference between Human IL31RA and analogues was observed.
Sequence Length	732
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 pg/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	Immunity
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 IL31RA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL31RA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL31RA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL31RA 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 IL31RA 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 #	336391156
NCBI GeneID	133396
NCBI Accession #	NP_001229565.1
NCBI GenBank Nucleotide #	NM_001242636.1
UniProt Accession #	Q8NI17; Q2TBA1; Q6EBC3; Q6EBC4; Q6EBC5; Q6EBC6; Q6UWL8; Q8WYJ0; A6NIF8
Molecular Weight	82,954 Da
NCBI Official Full Name	interleukin-31 receptor subunit alpha isoform 2
NCBI Official Synonym Full Names	interleukin 31 receptor A
NCBI Official Symbol	IL31RA
NCBI Official Synonym Symbols	CRL; GPL; CRL3; GLMR; GLM-R; PLCA2; hGLM-R; IL-31RA; PRO21384
NCBI Protein Information	interleukin-31 receptor subunit alpha; zcytoR17; IL-31R subunit alpha; cytokine receptor-like 3; class I cytokine receptor; IL-31 receptor subunit alpha; gp130-like monocyte receptor; soluble type I cytokine receptor CRL3
UniProt Protein Name	Interleukin-31 receptor subunit alpha
UniProt Gene Name	IL31RA
UniProt Synonym Gene Names	CRL3; GPL; UNQ6368/PRO21073/PRO21384; IL-31 receptor subunit alpha; IL-31R subunit alpha; IL-31R-alpha; IL-31RA; hGLM-R; Gp130-like receptor
UniProt Entry Name	IL31R_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/il31ra-human-elisa-kits/interleukin-31-receptor-a/112662>