

Human Interleukin-31 receptor subunit alpha ELISA Kit | IL31RA elisa kit

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CATALOG #
AAA101600

REACTIVITY
Human

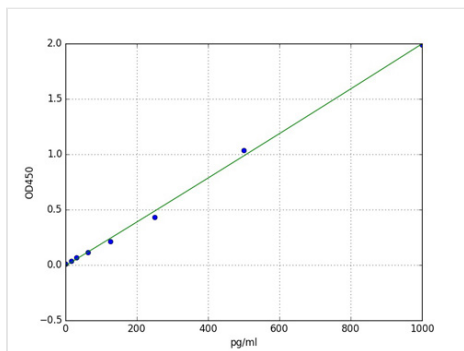
PRODUCT SYNONYMS

Interleukin-31 receptor subunit alpha; Human Interleukin-31 receptor subunit alpha ELISA Kit; IL31RA/CRL3/GLM-R/class I cytokine receptor/Cytokine receptor-like 3/GLMR/GP130 like receptor/Gp130-like monocyte receptor/hGLM-R/IL-31 receptor subunit alpha/IL-31R subunit alpha/IL-31R-alpha/interleukin 31 receptor A/soluble type I cytokine receptor CRL3; IL31RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	716
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a IL31RA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.002	0.111	0.216	0.397	0.723	1.109	1.617	2.054

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL31RA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-IL31RA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-IL31RA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the IL31RA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of IL31RA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	225007641
NCBI GeneID	218624
NCBI Accession #	NP_647460.2
NCBI GenBank Nucleotide #	NM_139299.2
Molecular Weight	25,133 Da
NCBI Official Full Name	interleukin-31 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 31 receptor A
NCBI Official Symbol	IL31ra
NCBI Official Synonym Symbols	GPL; CRL3; Glmr; NR10; GLM-R
NCBI Protein Information	interleukin-31 receptor subunit alpha
UniProt Protein Name	Interleukin-31 receptor subunit alpha
UniProt Gene Name	IL31ra
UniProt Synonym Gene Names	Glmr; IL-31 receptor subunit alpha; IL-31R subunit alpha; IL-31R-alpha; IL-31RA; mGLM-R; Gp130-like receptor; NR10
UniProt Entry Name	IL31R_MOUSE

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-subunit-alpha/101600>