

Human IL-1R2 ELISA Kit | IL1R2 elisa kit

Human IL-1R2 ELISA Kit

CATALOG # AAA105544	REACTIVITY Human	APPLICATIONS ELISA
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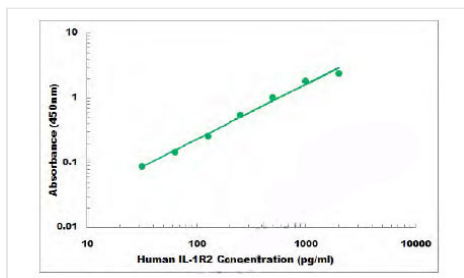
PRODUCT SYNONYMS

IL-1R2; Human IL-1R2 ELISA Kit; IL1RB; Interleukin-1 receptor type 2; IL-1R-2; IL-1RT-2; IL-1RT2; CD121 antigen-like family member B; CDw121b; IL-1 type II receptor; Interleukin-1 receptor beta; IL-1R-beta; Interleukin-1 receptor type II; CD121b; IL1R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-1R2 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-1R2 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	296
Samples	Cell Culture Supernatants, Serum.
Sensitivity	10 pg/ml.
Applicable Applications for IL1R2 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1R2 elisa kit	Principle of the Assay The Human IL-1R2 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-1R2 in Cell Culture Supernatants, Serum. This assay employs an antibody specific for Human IL-1R2 coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-1R2 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-1R2 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-1R2 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Interleukin 1 receptor, type II (IL1R2) also known as CD121b (Cluster of Differentiation 121b) is an interleukin receptor. The protein encoded by this gene is a cytokine receptor that belongs to the interleukin-1 receptor family. It is mapped to 2q11.2. IL1R2 binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I (IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. IL1R2 also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. The secreted IL1R2 recruits secreted IL1RAP with high affinity, and this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387527984
NCBI GeneID	7850
NCBI Accession #	NP_001248348.1
NCBI GenBank Nucleotide #	NM_001261419.1
UniProt Accession #	P27930; Q6LCE6; Q9UE68; D3DVJ5
Molecular Weight	33,622 Da
NCBI Official Full Name	interleukin-1 receptor type 2 isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor, type II
NCBI Official Symbol	IL1R2
NCBI Official Synonym Symbols	IL1RB; CD121b; IL1R2c; CDw121b; IL-1R-2; IL-1RT2; IL-1RT-2
NCBI Protein Information	interleukin-1 receptor type 2; IL-1R-beta; antigen CDw121b; IL-1 type II receptor; interleukin-1 receptor beta; interleukin-1 receptor type II; CD121 antigen-like family member B; type II interleukin-1 receptor, beta; interleukin 1 receptor type II variant 3
UniProt Protein Name	Interleukin-1 receptor type 2
UniProt Gene Name	IL1R2
UniProt Synonym Gene Names	IL1RB; IL-1R-2; IL-1RT-2; IL-1RT2; IL-1R-beta; mL-1R2; mL-1RII; sIL-1R2; sIL-1RII
UniProt Entry Name	IL1R2_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/il1r2-human-elisa-kits/il-1r2/105544>