

Human IL1R2 ELISA Kit | IL1R2 elisa kit

Human IL1R2 PicoKine ELISA Kit

CATALOG #
AAA45969

REACTIVITY
Human

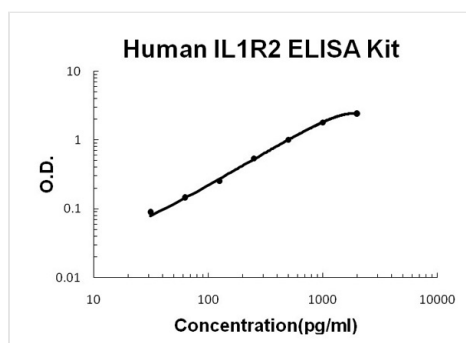
PRODUCT SYNONYMS

IL1R2; Human IL1R2 PicoKine ELISA Kit; Interleukin-1 receptor type 2; interleukin 1 receptor; type II; IL1 Receptor II; Antigen CDw121b; CD121; CD121 antigen-like family member B; CD121b; CD121B Antigen; CDw121b; IL-1R-2; IL-1R-beta; IL-1R2; IL-1RT-2; IL-1RT2; IL1 R2; IL1 receptor beta chain; IL1R beta; IL1r-2; IL1R2_HUMAN; IL1RB; Interleukin 1 receptor type II precursor; Interleukin 1 receptor; beta; Interleukin-1 receptor beta; Interleukin-1 receptor type II; MGC137383; MGC47725; OTTHUMP00000207969; p68; Type II interleukin 1 receptor beta; Type II interleukin-1 receptor; IL1R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human IL1R2
Sequence Length	398
Samples	Cell culture supernates and serum
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human IL1R2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL1R2 elisa kit	Principle of the assay: human IL1R2 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for IL1R2 has been precoated onto 96-well plates. Standards(sf21, F14-E343) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for IL1R2 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 human IL1R2 amount of sample captured in plate. Background: 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 #	124310
NCBI GeneID	7850
UniProt Accession #	P27930; Q6LCE6; Q9UE68; D3DVJ5
Molecular Weight	33,622 Da
NCBI Official Full Name	Interleukin-1 receptor type 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.