

Human Interleukin 1 Receptor 2 (IL1R2) ELISA Kit | IL1R2 elisa kit

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CATALOG #
AAA43151

REACTIVITY
Human

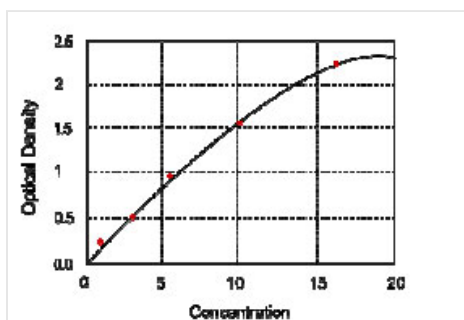
PRODUCT SYNONYMS

Interleukin 1 Receptor 2 (IL1R2); Human Interleukin 1 Receptor 2 (IL1R2) ELISA Kit; IL1R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	296
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1R2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 1 Receptor 2 (also known as IL1R2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL1R2 antibody. IL1R2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL1R2 Antibody is added and binds to IL1R2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL1R2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL1R2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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 2
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
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

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://www.aaabiotech.com/human-elisa-kits/interleukin-1-receptor-2-il1r2/43151>