

Human Interleukin 1 Receptor 1 (IL1R1) ELISA Kit | IL1R1 elisa kit

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CATALOG #
AAA122669

REACTIVITY
Human

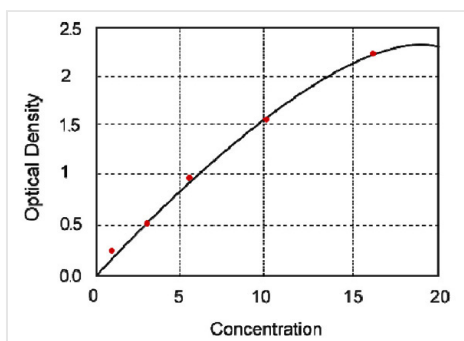
PRODUCT SYNONYMS

Interleukin 1 Receptor 1 (IL1R1); Human Interleukin 1 Receptor 1 (IL1R1) ELISA Kit; IL1R1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	569
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.023ng/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 IL1R1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human IL1R1 antibody. IL1R1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human IL1R1 Antibody is added and binds to IL1R1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL1R1 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 IL1R1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Interleukin 1 Receptor 1 (also known as IL1R1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504659
NCBI GeneID	3554
NCBI Accession #	NP_000868.1
NCBI GenBank Nucleotide #	NM_000877.4
UniProt Accession #	P14778
NCBI Official Full Name	interleukin-1 receptor type 1 isoform 1
NCBI Official Synonym Full Names	interleukin 1 receptor type 1
NCBI Official Symbol	IL1R1
NCBI Official Synonym Symbols	P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha
NCBI Protein Information	interleukin-1 receptor type 1
UniProt Protein Name	Interleukin-1 receptor type 1
UniProt Gene Name	IL1R1
UniProt Synonym Gene Names	IL1R; IL1RA; IL1RT1; IL-1R-1; IL-1RT-1; IL-1RT1; IL-1R-alpha; mLIL-1R1; mLIL-1RI; sIL-1R1; sIL-1RI
UniProt Entry Name	IL1R1_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.