

Human interleukin 1 receptor, type I ELISA Kit | IL1R1 elisa kit

Human soluble interleukin-1 receptor I , IL-1sRI ELISA Kit

CATALOG #
AAA80472

REACTIVITY
Human

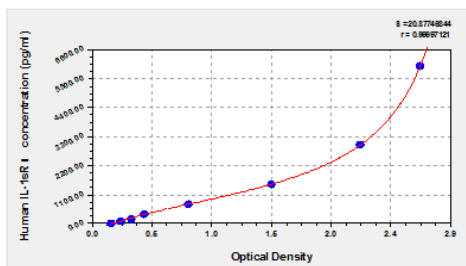
PRODUCT SYNONYMS

interleukin 1 receptor; type I; Human soluble interleukin-1 receptor I; IL-1sRI ELISA Kit; IL-1sRI ELISA kit; CD121A; D2S1473; IL-1R-alpha; IL1R; IL1RA; P80; OTTHUMP00000161344; antigen CD121a; interleukin 1 receptor alpha; interleukin receptor 1; IL1R1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL1R1. No significant cross-reactivity or interference between Human IL1R1 and analogues was observed.
Sequence Length	569
Samples	Serum, plasma
Detection Range	94 pg/ml-6000 pg/ml
Sensitivity	23.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1R1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-1SRI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-1SRI and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IL-1SR I , biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-1SRI in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504659
NCBI GeneID	3554
NCBI Accession #	NP_000868.1
NCBI GenBank Nucleotide #	NM_000877.3
UniProt Accession #	P14778; Q58717
Molecular Weight	65,402 Da
NCBI Official Full Name	interleukin-1 receptor type 1 isoform 1
NCBI Official Synonym Full Names	interleukin 1 receptor, type I
NCBI Official Symbol	IL1R1
NCBI Official Synonym Symbols	P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha
NCBI Protein Information	interleukin-1 receptor type 1; IL-1R-1; IL-1RT1; IL-1RT-1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I
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; mIL-1R1; mIL-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.

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Online datasheet: <https://stage.aaabiotech.com/il1r1-human-elisa-kits/interleukin-1-receptor-type-i/80472>