

Human interleukin 1 receptor, type II ELISA Kit | IL1R2 elisa kit

Human soluble interleukin-1 receptor II, IL-1sRII ELISA Kit

CATALOG #
AAA80270

REACTIVITY
Human

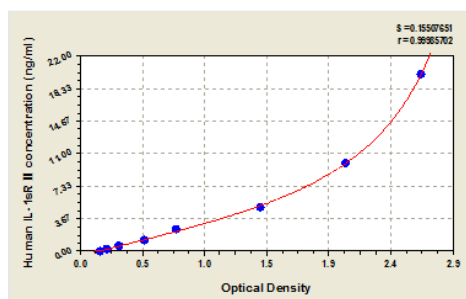
PRODUCT SYNONYMS

interleukin 1 receptor; type II; Human soluble interleukin-1 receptor II; IL-1sRII ELISA Kit; IL-1sRII ELISA kit; CD121b; IL1RB; MGC47725; antigen CDw121b; type II interleukin-1 receptor; beta; IL1R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL1R2. No significant cross-reactivity or interference between Human IL1R2 and analogues was observed.
Sequence Length	296
Samples	Serum, plasma
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/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 IL1R2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-1SRII. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-1SRII 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 II , 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-1SRII 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 #	387527984
NCBI GeneID	7850
NCBI Accession #	NP_001248348.1
NCBI GenBank Nucleotide #	NM_001261419.1
UniProt Accession #	P27930; Q6LCE6; Q9UE68; D3DVJ5
Molecular Weight	45,421 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/interleukin-1-receptor-type-ii/80270>