

Mouse Interleukin-1 receptor type 2 ELISA Kit | Il1r2 elisa kit

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CATALOG #
AAA57339

REACTIVITY
Mouse

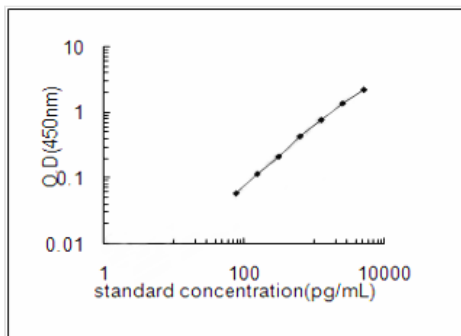
PRODUCT SYNONYMS

Interleukin-1 receptor type 2; Mouse Interleukin-1 receptor type 2 ELISA Kit; IL-1R-2; IL-1RT-2; IL-1RT2; CD121 antigen-like family member B; Interleukin-1 receptor beta; IL-1R-beta; Interleukin-1 receptor type II; Il1r2; IL-1r2; Il1rb; Il1r2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse IL-1R-2. No significant cross-reactivity or interference was observed.
Sequence Length	410
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	40.2 pg/mL
Intra-Assay CV	<=6.1%
Inter-Assay CV	<=8.4%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1r2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse IL-1R-2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-1R-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-1R-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain IL-1R-2, 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-1R-2 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 #	6754330
NCBI GeneID	16178
NCBI Accession #	NP_034685.1
NCBI GenBank Nucleotide #	NM_010555.4
UniProt Accession #	P27931
Molecular Weight	45,645 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	CD121b; IL1r-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	IL-1r2; IL1rb; IL-1R-2; IL-1RT-2; IL-1RT2; IL-1R-beta; mIL-1R2; mIL-1RII; sIL-1R2; sIL-1RII
UniProt Entry Name	IL1R2_MOUSE

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-mouse-elisa-kits/interleukin-1-receptor-type-2/57339>