

Mouse Interleukin 1 Receptor Type II (IL1R2) ELISA Kit | IL1R2 elisa kit

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CATALOG #
AAA67824

REACTIVITY
Mouse

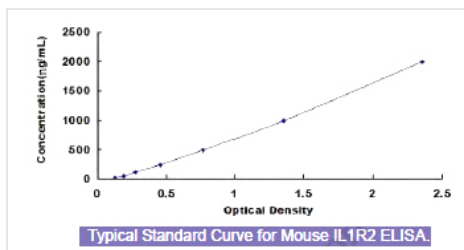
PRODUCT SYNONYMS

Interleukin 1 Receptor Type II (IL1R2); Mouse Interleukin 1 Receptor Type II (IL1R2) ELISA Kit; CD121b; CD121-B; IL1-R2; IL1RB; Interleukin-1 Receptor Beta; CD121 Antigen-like Family Member B; IL1R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IL1R2. No significant cross-reactivity or interference between IL1R2 and analogues was observed.
Sequence Length	410
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	11.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL1R2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL1R2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1R2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL1R2 in mouse serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL1R2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL1R2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL1R2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IL1R2 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

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.