

Mouse Interleukin 1 Receptor Accessory Protein (IL1RAP) ELISA Kit | IL1RAP elisa kit

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CATALOG #
AAA63776

REACTIVITY
Mouse

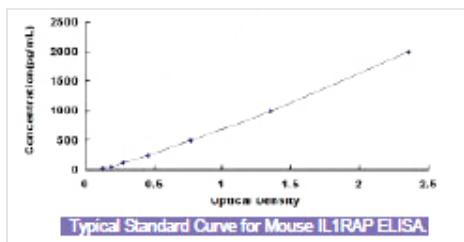
PRODUCT SYNONYMS

Interleukin 1 Receptor Accessory Protein (IL1RAP); Mouse Interleukin 1 Receptor Accessory Protein (IL1RAP) ELISA Kit; IL-1RAcP; C3orf13; IL1R3; Interleukin-1 receptor 3; IL1RAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IL1RAP. No significant cross-reactivity or interference between IL1RAP and analogues was observed.
Sequence Length	685
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	14.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL1RAP 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 IL1RAP 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 IL1RAP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL1RAP in mouse serum, plasma, tissue homogenates, cell lysates, 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 IL1RAP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL1RAP. 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 IL1RAP, 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 IL1RAP 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 #	226693333
NCBI GeneID	16180
NCBI Accession #	NP_001152790.1
NCBI GenBank Nucleotide #	NM_001159318.1
UniProt Accession #	Q61730; Q3UVZ1; Q8VCB9
Molecular Weight	78,640 Da
NCBI Official Full Name	interleukin-1 receptor accessory protein isoform d
NCBI Official Synonym Full Names	interleukin 1 receptor accessory protein
NCBI Official Symbol	Il1rap
NCBI Official Synonym Symbols	AI255955; AV239853; IL-1RAcP; 6430709H04Rik
NCBI Protein Information	interleukin-1 receptor accessory protein
UniProt Protein Name	Interleukin-1 receptor accessory protein
UniProt Gene Name	Il1rap
UniProt Synonym Gene Names	IL-1 receptor accessory protein; IL-1RAcP

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/mouse-elisa-kits/interleukin-1-receptor-accessory-protein-il1rap/63776>