

Human IL-1RAcP/IL-1R3/IL1RAP ELISA Kit | IL1RAP elisa kit

Human IL-1RAcP/IL-1R3/IL1RAP PicoKine ELISA Kit

CATALOG #
AAA125181

REACTIVITY
Human

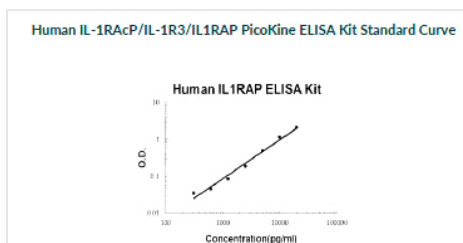
PRODUCT SYNONYMS

IL-1RAcP/IL-1R3/IL1RAP; Human IL-1RAcP/IL-1R3/IL1RAP PicoKine ELISA Kit; Human IL-1RAcP/IL-1R3/IL1RAP; interleukin 1 receptor accessory protein; Interleukin-1 receptor accessory protein; IL-1 receptor accessory protein; IL-1RAcP; Interleukin-1 receptor 3; IL-1R-3; IL-1R3; IL1RAP; C3orf13; IL1R3; IL1RAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IL1RAP
Sequence Length	356
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	312pg/ml-20000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1RAP elisa kit	Principle of the Assay: The Picokine™ Human IL1RAP Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL1RAP with a 96-well strip plate that is pre-coated with antibody specific for IL1RAP. The detection antibody is a biotinylated antibody specific for IL1RAP. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human IL1RAP with immunogen: Expression system for standard: NSO, Immunogen sequence: S21-T367. The kit is analytically validated with ready to use reagents. To measure Human IL1RAP, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human IL1RAP in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human IL1RAP in the sample.!!Background/Introduction: Interleukin-1 receptor accessory protein is a protein that in humans is encoded by the IL1RAP gene. It is mapped to 3q28. This gene encodes a component of the interleukin 1 receptor complex, which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in membrane-bound and soluble isoforms differing in their C-terminus. The ratio of soluble to membranebound forms increases during acute-phase induction or stress.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	268840341
NCBI GeneID	3556
NCBI Accession #	NP_001161402.1
NCBI GenBank Nucleotide #	NP_001161402.1
UniProt Accession #	Q9NPH3
NCBI Official Full Name	interleukin-1 receptor accessory protein isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor accessory protein
NCBI Official Symbol	IL1RAP
NCBI Official Synonym Symbols	IL1R3; C3orf13; IL-1RAcP
NCBI Protein Information	interleukin-1 receptor accessory protein
UniProt Protein Name	Interleukin-1 receptor accessory protein
UniProt Gene Name	IL1RAP
UniProt Synonym Gene Names	C3orf13; IL1R3; IL-1 receptor accessory protein; IL-1RAcP; IL-1R-3; IL-1R3
UniProt Entry Name	IL1AP_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.