

Human Interleukin 1 Racp ELISA Kit | IL 1Racp elisa kit

Human Interleukin 1 Racp ELISA Kit

CATALOG #
AAA82235

REACTIVITY
Human

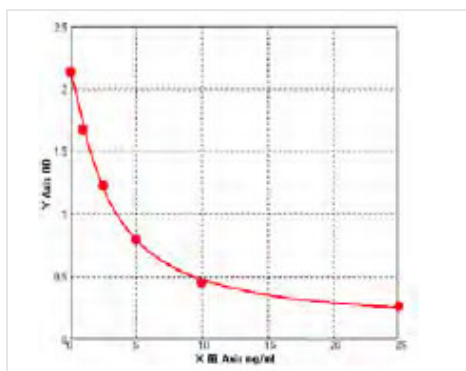
PRODUCT SYNONYMS

Interleukin 1 Racp; Human Interleukin 1 Racp ELISA Kit; IL 1Racp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL 1Racp elisa kit

Intended Uses: This IL-1RA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL-1RA. This ELISA kit for research use only!

Principle of the Assay: IL-1RA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IL-1RA antibody and an IL-1RA-HRP conjugate. The assay sample and buffer are incubated together with IL-1RA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-1RA concentration since IL-1RA from samples and IL-1RA-HRP conjugate compete for the anti-IL-1RA antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-1RA from the sample, fewer sites are left to bind IL-1RA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-1RA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL 1Racp elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	268840341
NCBI GeneID	3556
NCBI Accession #	NP_001161402.1
NCBI GenBank Nucleotide #	NM_001167930.1
Molecular Weight	78,603 Da
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; IL-1R3; interleukin-1 receptor 3; IL-1 receptor accessory protein; interleukin-1 receptor accessory protein beta
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.

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Online datasheet: <https://stage.aaabiotech.com/il-1racp-human-elisa-kits/interleukin-1-racp/82235>