

Human IL-1RA ELISA Kit | IL1RN elisa kit

Human IL-1RA ELISA Kit

CATALOG # AAA105551	REACTIVITY Human	APPLICATIONS ELISA
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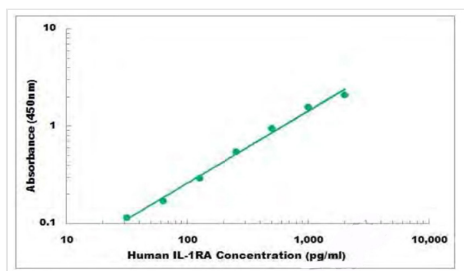
PRODUCT SYNONYMS

IL-1RA; Human IL-1RA ELISA Kit; IL1F3; IL1RA; Interleukin-1 receptor antagonist protein; IL-1RN; IL-1ra; IRAP; ICIL-1RA; IL1 inhibitor; Anakinra; IL1RN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-1RA ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-1RA proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	159
Samples	Culture Supernatants, Serum, Plasma
Sensitivity	< 15 pg/ml
Applicable Applications for IL1RN elisa kit	ELISA (Sandwich ELISA)
Detection Method	Colorimetric
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1RN elisa kit	Background: The interleukin-1 receptor antagonist (IL-1RA) is a protein that in humans is encoded by the IL1RN gene. The human IL1RN gene was localized to the long arm of chromosome 2 at band 2q14. by fluorescence in situ hybridization. IL-1RA is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. Principle of the Assay: The Human IL-1RA ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-1RA in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-1RA coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-1RA present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-1RA antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-1RA bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835147
NCBI GeneID	3557
NCBI Accession #	NP_000568.1
NCBI GenBank Nucleotide #	NM_000577.4
UniProt Accession #	P18510; Q14628; Q53SC2; Q7RTZ4; Q96GD6; Q9UPC0; A8K4G1
Molecular Weight	16,142 Da
NCBI Official Full Name	interleukin-1 receptor antagonist protein isoform 3
NCBI Official Synonym Full Names	interleukin 1 receptor antagonist
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
NCBI Protein Information	interleukin-1 receptor antagonist protein; IL1 inhibitor; IL1RN (IL1F3); type II interleukin-1 receptor antagonist; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1ra)
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1RN
UniProt Synonym Gene Names	IL1F3; IL1RA; IL-1RN; IL-1ra; IRAP
UniProt Entry Name	IL1RA_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.