

Human Interleukin 1 Receptor Antagonist (IL1RA) ELISA Kit | IL1RA elisa kit

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CATALOG #
AAA42137

REACTIVITY
Human

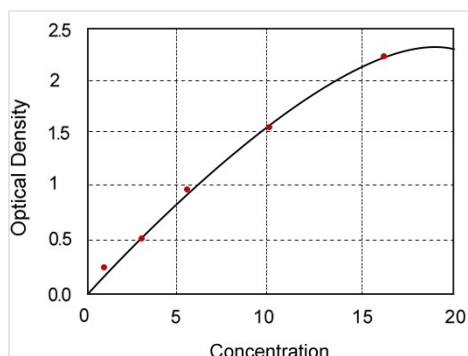
PRODUCT SYNONYMS

Interleukin 1 Receptor Antagonist (IL1RA); Human Interleukin 1 Receptor Antagonist (IL1RA) ELISA Kit; IL1RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	143
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 1000ng/L
Sensitivity	5.12ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1RA elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin-1 Receptor Antagonist (also known as IL-1RA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL-1RA antibody. IL-1RA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL-1RA Antibody is added and binds to IL-1RA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-1RA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL-1RA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894321
NCBI GeneID	3557
NCBI Accession #	NP_776215.1
NCBI GenBank Nucleotide #	NM_173843.2
UniProt Accession #	P18510; Q14628; Q53SC2; Q7RTZ4; Q96GD6; Q9UPC0; A8K4G1
Molecular Weight	17,888 Da
NCBI Official Full Name	interleukin-1 receptor antagonist protein isoform 4
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
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	IL1RN
UniProt Synonym Gene Names	IL1F3; IL1RA; IL-1RN; IL-1ra; IRAP

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/human-elisa-kits/interleukin-1-receptor-antagonist-il1ra/42137>