

Human Interleukin-36 ELISA Kit | IL1F5 elisa kit

Human Interleukin-36 receptor antagonist protein (IL1F5) ELISA Kit

CATALOG # AAA55918	REACTIVITY Human
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PRODUCT SYNONYMS

Interleukin-36; Human Interleukin-36 receptor antagonist protein (IL1F5) ELISA Kit; FIL1; FIL1(Delta); FIL1D; IL1HY1; IL1L1; IL1RP3; MGC29840; IL-1 related protein 3|IL-1F5 (IL-1HY1; FIL1-delta; IL-1RP3; IL-1L1; IL-1-delta)|IL-1ra homolog|IL1F5 (Canonical product IL-1F5a)|family of; IL1F5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL1F5. No significant cross-reactivity or interference between Human IL1F5 and analogues was observed.
Sequence Length	134
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	12.5 pg/mL - 800 pg/mL
Sensitivity	4.2 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL1F5 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL1F5 in Human serum, plasma. An antibody specific for IL1F5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL1F5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL1F5 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL1F5 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Interleukin-36 receptor antagonist protein (IL1F5) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912432
NCBI GeneID	26525
NCBI Accession #	NP_036407.1
NCBI GenBank Nucleotide #	NM_012275.2

UniProt Accession #	Q9UBH0; Q56AT9; Q7RTZ6; A8K2I4
Molecular Weight	16,962 Da
NCBI Official Full Name	interleukin-36 receptor antagonist protein
NCBI Official Synonym Full Names	interleukin 36 receptor antagonist
NCBI Official Symbol	IL36RN
NCBI Official Synonym Symbols	FIL1; FIL1D; IL1F5; IL1L1; PSORP; IL1HY1; IL1RP3; IL36RA; IL-36Ra; PSORS14; FIL1(Delta)
NCBI Protein Information	interleukin-36 receptor antagonist protein
UniProt Protein Name	Interleukin-36 receptor antagonist protein
UniProt Gene Name	IL36RN
UniProt Synonym Gene Names	FIL1D; IL1F5; IL1HY1; IL1L1; IL1RP3; IL-1RP3; IL-1HY1; IL-1 delta; IL-1F5; IL-1ra homolog 1; IL-1L1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/il1f5-human-elisa-kits/interleukin-36/55918>