

Human Interleukin-36 alpha ELISA Kit | IL1F6 elisa kit

Human Interleukin-36 alpha (IL1F6) ELISA Kit

CATALOG #
AAA55827

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin-36 alpha; Human Interleukin-36 alpha (IL1F6) ELISA Kit; FIL1; FIL1(EPSILON); FIL1E; IL-1F6; IL1(EPSILON); MGC129552; MGC129553; IL-1F6 (FIL-1-epsilon)interleukin 1; epsilon; IL1F6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL1F6. No significant cross-reactivity or interference between Human IL1F6 and analogues was observed.
Sequence Length	158
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
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. 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 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL1F6 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL1F6 in samples. An antibody specific for IL1F6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL1F6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL1F6 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 IL1F6 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657092
NCBI GeneID	27179
NCBI Accession #	NP_055255.1
NCBI GenBank Nucleotide #	NM_014440.2
UniProt Accession #	Q9UHA7 ; Q53SR7 ; Q5BLR4 ; Q7RTZ8 ; B2RAD9

Molecular Weight	17,684 Da
NCBI Official Full Name	interleukin-36 alpha
NCBI Official Synonym Full Names	interleukin 36 alpha
NCBI Official Symbol	IL36A
NCBI Official Synonym Symbols	FIL1; FIL1E; IL1F6; IL-1F6; IL1(EPSILON); FIL1(EPSILON)
NCBI Protein Information	interleukin-36 alpha
UniProt Protein Name	Interleukin-36 alpha
UniProt Gene Name	IL36A
UniProt Synonym Gene Names	FIL1E; IL1E; IL1F6; IL-1 epsilon; IL-1F6

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://www.aaabiotech.com/il1f6-human-elisa-kits/interleukin-36-alpha/55827>