

Human interleukin 1 family, member 8 (eta) ELISA Kit | IL1F8 elisa kit

Human Interleukin-36 beta, IL1F8 ELISA Kit

CATALOG #
AAA113048

REACTIVITY
Human

PRODUCT SYNONYMS

interleukin 1 family; member 8 (eta); Human Interleukin-36 beta; IL1F8 ELISA Kit; Human Interleukin-36 beta (IL1F8) ELISA kit; FIL1; FIL1- (ETA); FIL1H; IL-1F8; IL-1H2; IL1-ETA; IL1H2; MGC126880; MGC126882; IL-1F8 (FIL1-eta) ; IL1F8 (Canonical product IL-1F8a) ; Interleukin-1 Superfamily e; family of interleukin 1-eta; interleukin; IL1F8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL1F8. No significant cross-reactivity or interference between human IL1F8 and analogues was observed.
Sequence Length	164
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of human IL1F8 is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1F8 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL1F8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL1F8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL1F8 is added to the wells. After washing, avidin 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 IL1F8 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070252
NCBI GeneID	27177
NCBI Accession #	NP_055253.2
NCBI GenBank Nucleotide #	NM_014438.4
UniProt Accession #	Q9NZH7; Q3MIH0; Q53SR6; Q7RTZ7; Q9UHA5
Molecular Weight	18,522 Da
NCBI Official Full Name	interleukin-36 beta isoform 1
NCBI Official Synonym Full Names	interleukin 36, beta
NCBI Official Symbol	IL36B
NCBI Official Synonym Symbols	FIL1; FIL1H; IL1F8; IL1H2; IL-1F8; IL-1H2; IL1-ETA; FIL1-(ETA); FILI-(ETA)
NCBI Protein Information	interleukin-36 beta; FIL1 eta; IL-1 eta; IL-1F8 (FIL1-eta); interleukin-1 eta; interleukin 1, eta; interleukin-1 homolog 2; Interleukin-1 Superfamily e; family of interleukin 1-eta; interleukin-1 family member 8; IL1F8 (Canonical product IL-1F8a); interleukin 1 family, member 8 (eta)
UniProt Protein Name	Interleukin-36 beta
UniProt Gene Name	IL36B
UniProt Synonym Gene Names	IL1F8; IL1H2; IL-1 eta; IL-1F8; IL-1H2
UniProt Entry Name	IL36B_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/il1f8-human-elisa-kits/interleukin-1-family-member-8-eta/113048>