

Human interleukin 1 family, member 10 (theta) ELISA Kit | IL1F10 elisa kit

Human Interleukin-1 family member 10, IL1F10 ELISA Kit

CATALOG #
AAA112559

REACTIVITY
Human

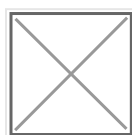
PRODUCT SYNONYMS

interleukin 1 family; member 10 (theta); Human Interleukin-1 family member 10; IL1F10 ELISA Kit; Human Interleukin-1 family member 10 (IL1F10) ELISA kit; FIL1-theta; FKSG75; IL-1HY2; IL1-theta; MGC119831; MGC119832; MGC119833; IL-1F10 (canonical form IL-1F10a) ; member 10; interleukin-1 HY2; interleukin-1 receptor antagonist FKSG75; ; IL1F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL1F10. No significant cross-reactivity or interference between human IL1F10 and analogues was observed.
Sequence Length	152
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml.
Sensitivity	The minimum detectable dose of human IL1F10 is typically less than 7.81 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 IL1F10 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL1F10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL1F10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL1F10 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 IL1F10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894304
NCBI GeneID	84639
NCBI Accession #	NP_115945.4
NCBI GenBank Nucleotide #	NM_032556.5
UniProt Accession #	Q8WWZ1; Q53SR9; Q56AT8; Q7RTZ5; Q969H5; Q9BYX1
Molecular Weight	16,943 Da
NCBI Official Full Name	interleukin-1 family member 10
NCBI Official Synonym Full Names	interleukin 1 family, member 10 (theta)
NCBI Official Symbol	IL1F10
NCBI Official Synonym Symbols	IL-38; FKSG75; IL1HY2; IL-1HY2; IL1-theta; FIL1-theta
NCBI Protein Information	interleukin-1 family member 10; FIL1 theta; IL-1 theta; interleukin-38; interleukin-1 HY2; family of interleukin 1-theta; IL-1F10 (canonical form IL-1F10a); interleukin-1 receptor antagonist FKSG75; interleukin-1 receptor antagonist-like FIL1 theta
UniProt Protein Name	Interleukin-1 family member 10
UniProt Gene Name	IL1F10
UniProt Synonym Gene Names	FIL1T; IL1HY2; IL38; FKSG75; UNQ6119/PRO20041; IL-1F10; FIL1 theta; IL-1HY2; IL-1 theta; IL-38
UniProt Entry Name	IL1FA_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/il1f10-human-elisa-kits/interleukin-1-family-member-10-theta/112559>