

Human Interleukin-1 Family Member 10 (IL1F10) ELISA Kit | IL1F10 elisa kit

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CATALOG #
AAA219767

REACTIVITY
Human

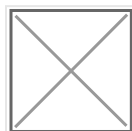
PRODUCT SYNONYMS

Interleukin-1 Family Member 10 (IL1F10); Human Interleukin-1 Family Member 10 (IL1F10) ELISA Kit; FIL1T; IL1HY2; IL38; FKSG75; UNQ6119/PRO20041; IL1F10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL1F10. No significant cross-reactivity or interference between IL1F10 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 29pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL1F10 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL1F10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1F10 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL1F10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL1F10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL1F10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IL1F10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of IL1F10 in human tissue homogenates or other biological fluids.

Product Categories/Family for IL1F10 elisa kit

[Traditional ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	25008589
NCBI GeneID	84639
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; 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/human-elisa-kits/interleukin-1-family-member-10-il1f10/219767>