

Human Interleukin 1 Delta (FIL1d) ELISA Kit | FIL1d elisa kit

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CATALOG #
AAA66791

REACTIVITY
Human

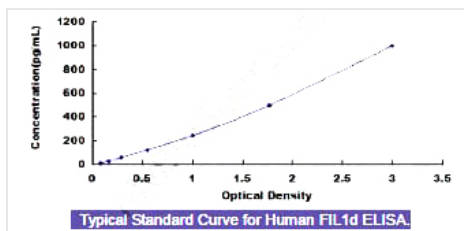
PRODUCT SYNONYMS

Interleukin 1 Delta (FIL1d); Human Interleukin 1 Delta (FIL1d) ELISA Kit; IL1HY1; IL36RN; IL36Ra; IL1RP3; IL1L1; IL1F5; Interleukin 1 Family; Member 5; Interleukin-1 HY1; IL-1 Related Protein 3; Interleukin 36 Receptor Antagonist; FIL1d elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FIL1d. No significant cross-reactivity or interference between FIL1d and analogues was observed.
Sequence Length	155
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FIL1d 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 FIL1d were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FIL1d elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FIL1d in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FIL1d. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FIL1d. 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 FIL1d, 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 FIL1d in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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.