

Human Interleukin-36 alpha ELISA Kit | IL36A elisa kit

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CATALOG #
AAA191320

REACTIVITY
Human

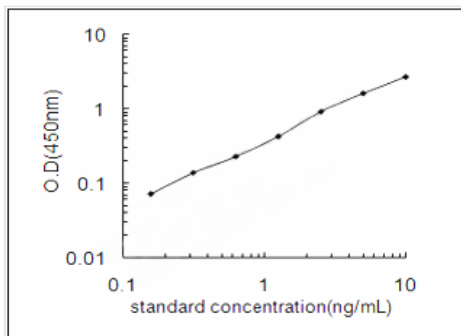
PRODUCT SYNONYMS

Interleukin-36 alpha; Human Interleukin-36 alpha ELISA Kit; FIL1 epsilon; Interleukin-1 epsilon; IL-1 epsilon; Interleukin-1 family member 6; IL-1F6; IL36A; FIL1E; IL1E; IL1F6; IL36A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Interleukin-36 alpha. No significant cross-reactivity or interference was observed.
Sequence Length	158
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078ng/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=7.8%
Recovery	99%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL36A elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Interleukin-36 alpha concentrations in serum, Plasma, tissue homogenates and 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 Interleukin-36 alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Interleukin-36 alpha and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Interleukin-36 alpha, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Interleukin-36 alpha 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 #	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
UniProt Entry Name	IL36A_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.