

Human IL-38 ELISA Kit | IL-38 elisa kit

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CATALOG #
AAA281358

REACTIVITY
Human

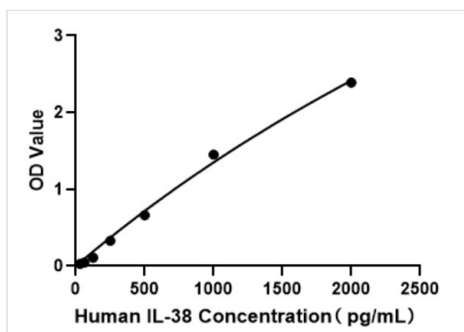
PRODUCT SYNONYMS

IL-38; Human IL-38 ELISA Kit; IL-38 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural human IL-38. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Sequence Length	152
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	< 15.6pg/mL
Intra-assay Precision	Intra-plate Precision The three samples with known concentrations were repeated 20 times on the same board to calculate the coefficient of variation (CV) for the concentrations. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision The coefficient of variation (CV) of three known concentrations was calculated by 20 tests of two kits on each of the three samples. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-38 elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-38 in human serum, plasma, cell culture supernatants and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human IL-38 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-38 present is bound by the immobilized antibody. After washing away any unbound substances, a biotin-conjugated detection antibody specific for human IL-38 is added to the wells. After incubating, an enzyme-linked streptavidin is added and binds to biotin. Following a wash to remove any unbound antibody-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-38 bound in the initial step. The color development is stopped, and the absorbance is measured.
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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	16,701 Da
NCBI Official Full Name	interleukin-1 family member 10
NCBI Official Synonym Full Names	interleukin 1 family member 10
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
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

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.