

Human Interleukin-37 ELISA Kit | IL37 elisa kit

Human Interleukin-37 ELISA Kit

CATALOG #
AAA99213

REACTIVITY
Human

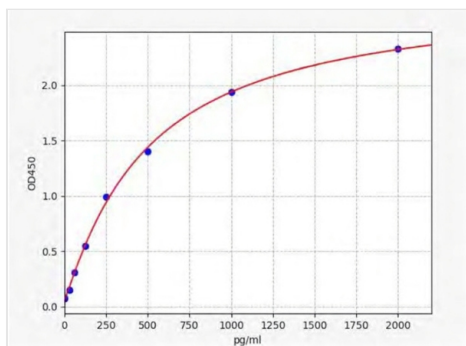
PRODUCT SYNONYMS

Interleukin-37; Human Interleukin-37 ELISA Kit; IL37 (Interleukin-37)/FIL1 zeta/IL-1F7/FIL1/FIL1 (ZETA)/FIL1Z/IL1H4/IL1F7/IL-1H4/IL-1F7b/IL-1H/IL-1RP1/IL-1X protein/IL1RP1/interleukin 1 family member 7/IL-1X/interleukin 1 family; member 7 (zeta)/interleukin 1; zeta/interleukin-1 family member 7/Interleukin-1 homolog 4/interleukin-1 superfamily z/Interleukin-1 zeta/Interleukin-1-related protein; IL37 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL37. No significant cross-reactivity or interference between IL37 and analogues was observed.
Sequence Length	218
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL37 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20127524
NCBI GeneID	27178
NCBI Accession #	NP_055254.2
NCBI GenBank Nucleotide #	NM_014439.3
Molecular Weight	17,459 Da
NCBI Official Full Name	interleukin-37 isoform 1
NCBI Official Synonym Full Names	interleukin 37
NCBI Official Symbol	IL37
NCBI Official Synonym Symbols	FIL1; FIL1Z; IL-1H; IL-37; IL1F7; IL1H4; IL-1F7; IL-1H4; IL1RP1; IL-1RP1; FIL1(ZETA)
NCBI Protein Information	interleukin-37
UniProt Protein Name	Interleukin-37
UniProt Gene Name	IL37
UniProt Synonym Gene Names	FIL1Z; IL1F7; IL1H4; IL1RP1; IL-1F7; IL-1H; IL-1H4; IL-1 zeta; IL-1RP1; IL-37
UniProt Entry Name	IL37_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.