

Human Interleukin-36 beta ELISA Kit | IL36B elisa kit

Human Interleukin-36 beta ELISA Kit

CATALOG #
AAA100656

REACTIVITY
Human

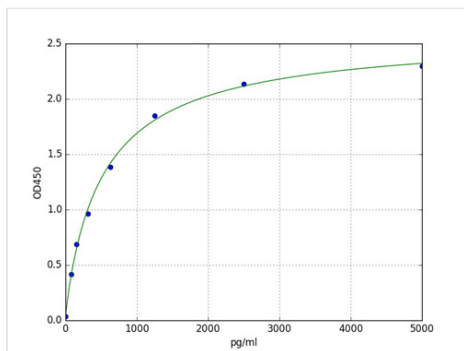
PRODUCT SYNONYMS

Interleukin-36 beta; Human Interleukin-36 beta ELISA Kit; IL36B (Interleukin-36 beta)/FIL1 eta/IL-1 eta/IL1F8/IL-1H2/family of interleukin 1-eta/FIL1/FIL1-(ETA)/FIL1H/IL1-ETA/IL-1F8/IL1F8 (Canonical product IL-1F8a)/IL-1F8 (FIL1-eta)/IL1H2/interleukin 1 family; member 8 (eta)/interleukin 1; eta/Interleukin 36; Beta/Interleukin-1 eta/interleukin-1 family member 8/Interleukin-1 homolog 2/Interleukin-1 Superfamily e; IL36B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	157
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
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



Typical Data & Standard Curve

Results of a typical standard run of a Human IL36B ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.121	0.188	0.234	0.295	0.421	0.643	1.016	1.959

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL36B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IL36B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IL36B antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human IL36B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IL36B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894313
NCBI GeneID	27177
NCBI Accession #	NP_775270.1
NCBI GenBank Nucleotide #	NM_173178.2
Molecular Weight	17,702 Da
NCBI Official Full Name	interleukin-36 beta isoform 2
NCBI Official Synonym Full Names	interleukin 36, beta
NCBI Official Symbol	IL36B
NCBI Official Synonym Symbols	FIL1; FIL1H; IL1F8; IL1H2; IL-1F8; IL-1H2; IL1-ETA; FIL1-(ETA); FILI-(ETA)
NCBI Protein Information	interleukin-36 beta
UniProt Protein Name	Interleukin-36 beta
UniProt Gene Name	IL36B
UniProt Synonym Gene Names	IL1F8; IL1H2; IL-1 eta; IL-1F8; IL-1H2
UniProt Entry Name	IL36B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il36b-human-elisa-kits/interleukin-36-beta/100656>