

Mouse IL36a (Interleukin-36 alpha) ELISA Kit | IL36a elisa kit

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CATALOG #
AAA250406

REACTIVITY
Mouse

PRODUCT SYNONYMS

IL36a (Interleukin-36 alpha); Mouse IL36a (Interleukin-36 alpha) ELISA Kit; IL36a; Interleukin-36 alpha; IL-1 epsilon; FIL1 epsilon; Interleukin-1 epsilon; Interleukin-1 family member 6; IL-1F6; Interleukin-1 homolog 1; IL-1H1; Fil1e; IL1e; IL1f6; IL1h1; IL36a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IL36a. No significant cross-reactivity or interference between IL36a and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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

ADDITIONAL INFORMATION

Related Product Information for IL36a 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 #	9506601
NCBI GeneID	54448
NCBI Accession #	NP_062323.1
NCBI GenBank Nucleotide #	NM_019450.3
UniProt Accession #	Q9JLA2
Molecular Weight	18,015 Da
NCBI Official Full Name	interleukin-36 alpha

NCBI Official Synonym Full Names	interleukin 1 family, member 6
NCBI Official Symbol	Il1f6
NCBI Official Synonym Symbols	Fil1; Il1f9; Il36a; IL-1H1; IL1RP2
NCBI Protein Information	interleukin-36 alpha
UniProt Protein Name	Interleukin-36 alpha
UniProt Gene Name	Il36a
UniProt Synonym Gene Names	Fil1e; Il1e; Il1f6; Il1h1; IL-1 epsilon; IL-1F6; IL-1H1
UniProt Entry Name	IL36A_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/il36a-interleukin-36-alpha/250406>