

## Human Interleukin-36 beta ELISA Kit | IL36B elisa kit

Human Interleukin-36 beta ELISA Kit

CATALOG #  
**AAA195362**

REACTIVITY  
**Human**

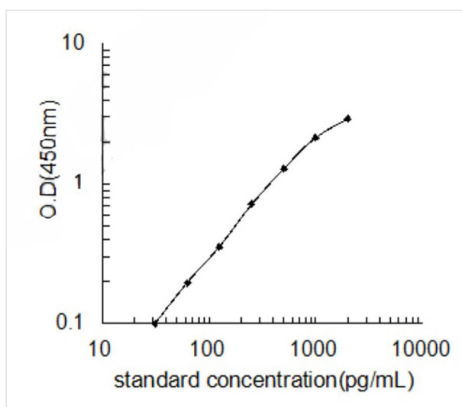
### PRODUCT SYNONYMS

Interleukin-36 beta; Human Interleukin-36 beta ELISA Kit; FIL1 eta; Interleukin-1 eta; IL-1 eta; Interleukin-1 family member 8; IL-1F8; Interleukin-1 homolog 2; IL-1H2; IL36B; IL1F8; IL1H2; IL36B elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and Human Interleukin-36 beta                                             |
| Sequence Length         | 164                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 31.2 pg/mL-2000 pg/mL                                                                 |
| Sensitivity             | < 10 pg/mL                                                                            |
| Intra-assay Precision   | <4.3%.                                                                                |
| Inter-assay Precision   | <8.2%                                                                                 |
| 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 IL36B elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| NCBI GI #                        | 20070252                                                                   |
| NCBI GeneID                      | 27177                                                                      |
| NCBI Accession #                 | NP_055253.2                                                                |
| NCBI GenBank Nucleotide #        | NM_014438.4                                                                |
| UniProt Accession #              | Q9NZH7; Q3MIH0; Q53SR6; Q7RTZ7; Q9UHA5                                     |
| Molecular Weight                 | 17,702 Da                                                                  |
| NCBI Official Full Name          | interleukin-36 beta isoform 1                                              |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/il36b-human-elisa-kits/interleukin-36-beta/195362>