

## Human Interleukin-36 gamma ELISA Kit | IL36G elisa kit

Human Interleukin-36 gamma ELISA Kit

CATALOG #  
**AAA23164**

REACTIVITY  
**Human**

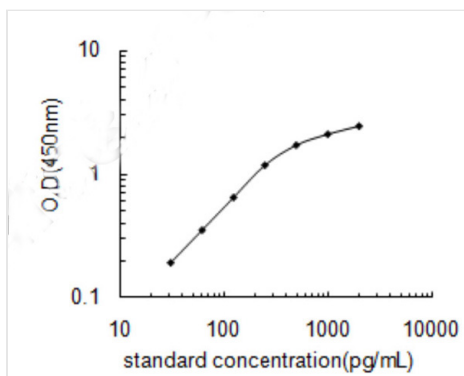
### PRODUCT SYNONYMS

Interleukin-36 gamma; Human Interleukin-36 gamma ELISA Kit; IL-1-related protein 2; IL-1RP2; Interleukin-1 epsilon; IL-1 epsilon; Interleukin-1 family member 9; IL-1F9; Interleukin-1 homolog 1; IL-1H1; IL36G; IL1E; IL1F9; IL1H1; IL36G elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and Human Interleukin-36 gamma                                            |
| Sequence Length         | 134                                                                                   |
| 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   | <6.1%                                                                                 |
| Inter-assay Precision   | <9.3%                                                                                 |
| 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 IL36G 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 #                        | 514388113                                                         |
| NCBI GeneID                      | 56300                                                             |
| NCBI Accession #                 | NP_001265497.1                                                    |
| NCBI GenBank Nucleotide #        | NM_001278568.1                                                    |
| UniProt Accession #              | Q9NZH8; Q56B91; Q6UVX7; Q7RTZ9                                    |
| Molecular Weight                 | 14,928 Da                                                         |
| NCBI Official Full Name          | interleukin-36 gamma isoform 2                                    |
| NCBI Official Synonym Full Names | interleukin 36, gamma                                             |
| NCBI Official Symbol             | IL36G                                                             |
| NCBI Official Synonym Symbols    | IL1E; IL1F9; IL1H1; IL-1F9; IL-1H1; IL1RP2; IL-1RP2               |
| NCBI Protein Information         | interleukin-36 gamma                                              |
| UniProt Protein Name             | Interleukin-36 gamma                                              |
| UniProt Gene Name                | IL36G                                                             |
| UniProt Synonym Gene Names       | IL1E; IL1F9; IL1H1; IL1RP2; IL-1RP2; IL-1 epsilon; IL-1F9; IL-1H1 |
| UniProt Entry Name               | IL36G_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.