

## Human interleukin 18 binding protein ELISA Kit | IL18BP elisa kit

Human interleukin-18 binding protein, IL-18BP ELISA Kit

CATALOG #  
**AAA80080**

REACTIVITY  
**Human**

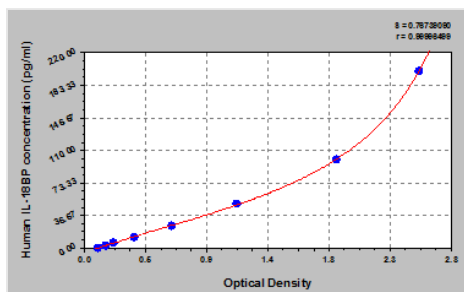
### PRODUCT SYNONYMS

interleukin 18 binding protein; Human interleukin-18 binding protein; IL-18BP ELISA Kit; Human interleukin-18 binding protein (IL-18BP) ELISA Kit; IL18BPα; MC51L-53L-54L homolog gene product; OTTHUMP00000179143; tadekinig-alfa; IL18BP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human IL-18BP. No significant cross-reactivity or interference between human IL-18BP and analogues was observed. |
| Sequence Length         | 194                                                                                                                                                                                         |
| Samples                 | Serum, plasma                                                                                                                                                                               |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                       |
| Detection Range         | 15.6 pg/ml-1000 pg/ml                                                                                                                                                                       |
| Sensitivity             | < 3.9 pg/ml                                                                                                                                                                                 |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                            |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                     |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL18BP elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-18BP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-18BP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-18BP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-18BP bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| NCBI GI #                        | 89111125                                                                                    |
| NCBI GeneID                      | 10068                                                                                       |
| NCBI Accession #                 | NP_001034748.1                                                                              |
| NCBI GenBank Nucleotide #        | NM_001039659.1                                                                              |
| UniProt Accession #              | O95998; O95993; O96027; Q9NZA9; Q9UBR7; B3KUZ0; B7WPK4                                      |
| Molecular Weight                 | 21,099 Da                                                                                   |
| NCBI Official Full Name          | interleukin-18-binding protein isoform a                                                    |
| NCBI Official Synonym Full Names | interleukin 18 binding protein                                                              |
| NCBI Official Symbol             | IL18BP                                                                                      |
| NCBI Official Synonym Symbols    | IL18BPa                                                                                     |
| NCBI Protein Information         | interleukin-18-binding protein; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product |
| UniProt Protein Name             | Interleukin-18-binding protein                                                              |
| UniProt Gene Name                | IL18BP                                                                                      |
| UniProt Synonym Gene Names       | IL-18BP                                                                                     |
| UniProt Entry Name               | I18BP_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.