

## Rat IL-18 ELISA Kit | IL-18 elisa kit

Rat IL-18 (Interleukin 18) ELISA Kit

CATALOG #  
**AAA163548**

REACTIVITY  
**Rat**

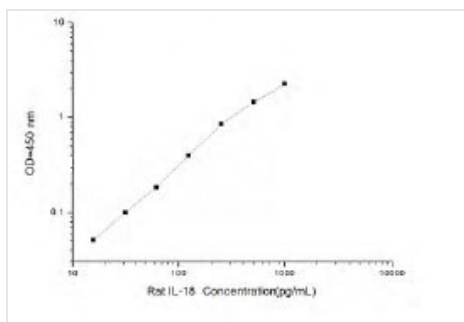
### PRODUCT SYNONYMS

IL-18; Rat IL-18 (Interleukin 18) ELISA Kit; IL-18 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                       |
| Specificity             | This kit recognizes natural and some recombinant Rat IL-18 . No significant crossreactivity or interference between Rat IL-18 and analogues was observed. |
| Sequence Length         | 193                                                                                                                                                       |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                          |
| Assay Type              | Sandwich                                                                                                                                                  |
| Detection Range         | 15.625-1000pg/mL                                                                                                                                          |
| Sensitivity             | Min: 9.375pg/mL; Max: 1000pg/mL                                                                                                                           |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL-18 elisa kit | <p>Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Rat IL-18 concentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been precoated with an antibody specific to Rat IL-18 . Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Rat IL-18 and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Rat IL-18 , biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Rat IL-18 . The concentration of Rat IL-18 in samples can be calculated by comparing the OD of the samples with the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 27806575                                                                                                                                                                                                 |
| NCBI GeneID                      | 281249                                                                                                                                                                                                   |
| NCBI Accession #                 | NP_776516.1                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_174091.2                                                                                                                                                                                              |
| UniProt Accession #              | Q9TU73; Q3SZF6; A9QWR6                                                                                                                                                                                   |
| Molecular Weight                 | 22,347 Da                                                                                                                                                                                                |
| NCBI Official Full Name          | interleukin-18                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | interleukin 18<                                                                                                                                                                                          |
| NCBI Official Symbol             | IL18                                                                                                                                                                                                     |
| NCBI Protein Information         | interleukin-18; IFN-gamma-inducing factor; IL-1 gamma; IL-18; interferon gamma-inducing factor; interferon-gamma-inducing factor; interleukin 18 (interferon-gamma-inducing factor); interleukin-1 gamma |
| UniProt Protein Name             | Interleukin-18                                                                                                                                                                                           |
| UniProt Gene Name                | IL18                                                                                                                                                                                                     |
| UniProt Synonym Gene Names       | IGIF; IL-18; IFN-gamma-inducing factor; IL-1 gamma                                                                                                                                                       |
| UniProt Entry Name               | IL18_BOVIN                                                                                                                                                                                               |

**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.