

## Human IL-19 ELISA Kit | IL-19 elisa kit

Human IL-19 PicoKine ELISA Kit

CATALOG #  
**AAA124997**

REACTIVITY  
**Human**

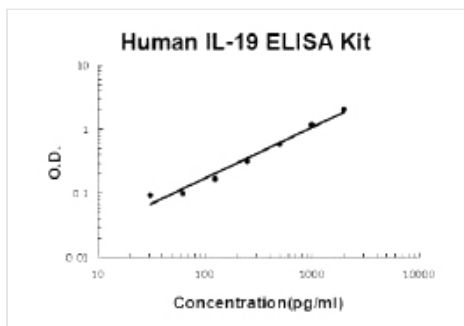
### PRODUCT SYNONYMS

IL-19; Human IL-19 PicoKine ELISA Kit; Human IL-19; IL-19 elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                                                |
| Specificity           | Natural and recombinant Human IL18R1                                                                                                                 |
| Sequence Length       | 215                                                                                                                                                  |
| Samples               | Cell Culture Supernates, Cell Lysates, Serum And Plasma (Heparin, Edta)                                                                              |
| Detection Range       | 31.2pg/ml-2000pg/ml                                                                                                                                  |
| Sensitivity           | <10pg/ml                                                                                                                                             |
| Intra-assay Precision | Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision     |
| Inter-assay Precision | Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for IL-19 elisa kit | <p>Principle of the Assay: The Picokine Human IL18R1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL18R1 with a 96-well strip plate that is pre-coated with antibody specific for IL18R1. The detection antibody is a biotinylated antibody specific for IL18R1. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human IL18R1 with immunogen: Expression system for standard: NSO; Immunogen sequence: C22-R329. The kit is analytically validated with ready to use reagents. To measure Human IL18R1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human IL18R1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human IL18R1 in the sample!!Background/Introduction: The interleukin-18 receptor 1(IL-18R1), also known as CDw218a(cluster of differentiation w218a) or IL18RA, is an interleukin receptor of the immunoglobulin superfamily. The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2(IL-1Rrp2), and IL1RL1(T1/ST2), form a gene cluster on chromosome 2q. This receptor specifically binds interleukin 18(IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|---------------------------|
| NCBI GI #                        | 30795210                  |
| NCBI GeneID                      | 29949                     |
| NCBI Accession #                 | NP_715639.1               |
| NCBI GenBank Nucleotide #        | NM_153758.2               |
| NCBI Official Full Name          | interleukin-19 isoform 1  |
| NCBI Official Synonym Full Names | interleukin 19            |
| NCBI Official Symbol             | IL19                      |
| NCBI Official Synonym Symbols    | MDA1; NG.1; ZMDA1; IL-10C |
| NCBI Protein Information         | interleukin-19            |

**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/human-elisa-kits/il-19/124997>