

## Pig Interleukin-6 ELISA Kit | IL6R elisa kit

Pig Interleukin-6 receptor subunit alpha ELISA Kit

CATALOG #  
**AAA192919**

REACTIVITY  
**Pig**

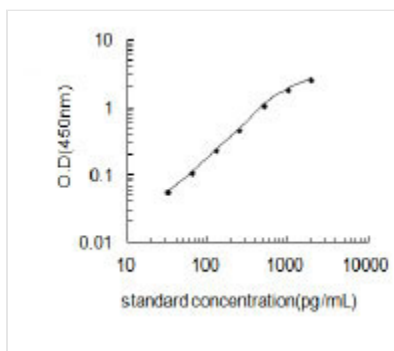
### PRODUCT SYNONYMS

Interleukin-6; Pig Interleukin-6 receptor subunit alpha ELISA Kit; Interleukin-6 receptor subunit alpha; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; IL-6R 1; IL6R; CD126; IL6R elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                          |
| Specificity             | Recombinant and natural Pig Interleukin-6 receptor subunit alpha,IL-6 receptor subunit alpha |
| Sequence Length         | 467                                                                                          |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids        |
| Detection Range         | 31.2 pg/mL-2000 pg/mL                                                                        |
| Sensitivity             | <15.7 pg/mL                                                                                  |
| Intra-assay Precision   | Intra-Assay CV: <=4.9%                                                                       |
| Inter-assay Precision   | Inter-Assay CV: <=8.7%                                                                       |
| 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 IL6R elisa kit | <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> <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> |
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NCBI AND UNIPROT INFORMATION

|                               |                                                                       |
|-------------------------------|-----------------------------------------------------------------------|
| NCBI GI #                     | 47523860                                                              |
| NCBI GeneID                   | 399522                                                                |
| NCBI Accession #              | NP_999568.1                                                           |
| NCBI GenBank Nucleotide #     | NM_214403.1                                                           |
| UniProt Accession #           | O18796                                                                |
| Molecular Weight              | 51,067 Da                                                             |
| NCBI Official Full Name       | interleukin-6 receptor subunit alpha                                  |
| NCBI Official Symbol          | IL6R                                                                  |
| NCBI Official Synonym Symbols | IL-6Ralpha                                                            |
| NCBI Protein Information      | interleukin-6 receptor subunit alpha                                  |
| UniProt Protein Name          | Interleukin-6 receptor subunit alpha                                  |
| UniProt Gene Name             | IL6R                                                                  |
| UniProt Synonym Gene Names    | IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA |
| UniProt Entry Name            | IL6RA_PIG                                                             |

**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/il6r-pig-elisa-kits/interleukin-6/192919>