

## Mouse Interleukin-6 receptor subunit alpha ELISA Kit | Il6ra elisa kit

Mouse Interleukin-6 receptor subunit alpha ELISA Kit

CATALOG #  
**AAA56143**

REACTIVITY  
**Mouse**

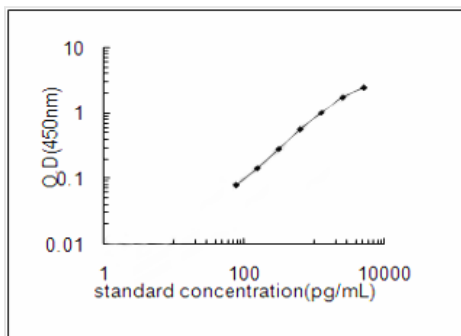
### PRODUCT SYNONYMS

Interleukin-6 receptor subunit alpha; Mouse Interleukin-6 receptor subunit alpha ELISA Kit; Il6ra elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                          |
| Specificity             | This assay recognizes recombinant and natural mouse IL-6 receptor subunit alpha. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 468                                                                                                                                            |
| Assay Type              | Sandwich                                                                                                                                       |
| Detection Range         | 78-5000 pg/mL                                                                                                                                  |
| Sensitivity             | 40.5 pg/mL                                                                                                                                     |
| Intra-Assay CV          | <=3.4%                                                                                                                                         |
| Inter-Assay CV          | <=6.9%                                                                                                                                         |
| Recovery                | 83%                                                                                                                                            |
| 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 IL6ra elisa kit | Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-6 receptor subunit alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-6 receptor subunit alpha and 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 IL-6 receptor subunit alpha, 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 IL-6 receptor subunit alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve. |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                        | 110431356                                                                   |
| NCBI GeneID                      | 16194                                                                       |
| NCBI Accession #                 | NP_034689.2                                                                 |
| NCBI GenBank Nucleotide #        | NM_010559.3                                                                 |
| UniProt Accession #              | P22272                                                                      |
| Molecular Weight                 | 50,455 Da                                                                   |
| NCBI Official Full Name          | interleukin-6 receptor subunit alpha isoform 1                              |
| NCBI Official Synonym Full Names | interleukin 6 receptor, alpha                                               |
| NCBI Official Symbol             | IL6ra                                                                       |
| NCBI Official Synonym Symbols    | IL6r; CD126; IL-6R; IL-6RA; IL-6R-alpha                                     |
| NCBI Protein Information         | interleukin-6 receptor subunit alpha                                        |
| UniProt Protein Name             | Interleukin-6 receptor subunit alpha                                        |
| UniProt Gene Name                | IL6ra                                                                       |
| UniProt Synonym Gene Names       | IL6r; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA |
| UniProt Entry Name               | IL6RA_MOUSE                                                                 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/il6ra-mouse-elisa-kits/interleukin-6-receptor-subunit-alpha/56143>