

## Hamster Interleukin 6, IL-6 ELISA Kit | IL-6 elisa kit

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CATALOG #  
**AAA15112**

REACTIVITY  
**Hamster**

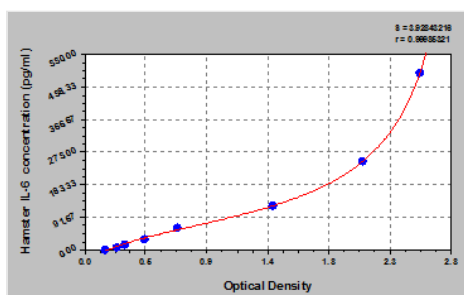
### PRODUCT SYNONYMS

Interleukin 6; IL-6; Hamster Interleukin 6; IL-6 ELISA Kit; IL-6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Hamster                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of hamster IL-6. No significant cross-reactivity or interference between hamster IL-6 and analogues was observed. |
| Sequence Length         | 211                                                                                                                                                                                       |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                     |
| Samples                 | Serum, plasma, cell culture supernates, tissue homogenates                                                                                                                                |
| Detection Range         | 7.8 pg/ml-500 pg/ml                                                                                                                                                                       |
| Sensitivity             | < 1.95 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 IL-6 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-6 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-6 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 7549769                                                 |
| NCBI GeneID                      | 24498                                                   |
| NCBI Accession #                 | NP_036721.1                                             |
| NCBI GenBank Nucleotide #        | NM_012589.2                                             |
| UniProt Accession #              | P20607                                                  |
| Molecular Weight                 | 24,357 Da                                               |
| NCBI Official Full Name          | interleukin-6                                           |
| NCBI Official Synonym Full Names | interleukin 6                                           |
| NCBI Official Symbol             | IL6                                                     |
| NCBI Official Synonym Symbols    | ILg6; Ifnb2                                             |
| NCBI Protein Information         | interleukin-6; IL-6; Interleukin 6 (interferon, beta 2) |
| UniProt Protein Name             | Interleukin-6                                           |
| UniProt Gene Name                | IL6                                                     |
| UniProt Synonym Gene Names       | IL-6; IL-6                                              |
| UniProt Entry Name               | IL6_RAT                                                 |

**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/hamster-elisa-kits/interleukin-6-il-6/15112>