

## Human IL-2 ELISA Kit | IL-2 elisa kit

Human IL-2 Pre-Coated ELISA Kit

CATALOG #  
**AAA79423**

REACTIVITY  
**Human**

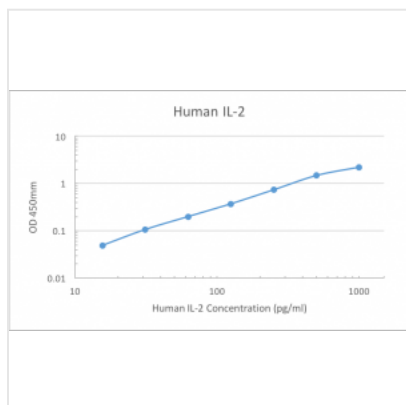
### PRODUCT SYNONYMS

IL-2; Human IL-2 Pre-Coated ELISA Kit; IL-2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                   |
| Specificity             | Natural and recombinant Human IL-2                                                                                                                                                                                                                                                                                                                      |
| Assay Type              | Solid Phase Sandwich ELISA: 96-Well Strip Plate                                                                                                                                                                                                                                                                                                         |
| Detection Range         | 15.6pg/mL-1,000pg/mL                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity             | <0.1pg/ml                                                                                                                                                                                                                                                                                                                                               |
| Components              | Anti-Human IL-2 Pre-coated 96-well strip microplate<br>Human IL-2 Standard<br>Human IL-2 Biotinylated antibody (100x)<br>Avidin-Biotin-Peroxidase Complex (100x)<br>Sample Diluent<br>Antibody Diluent<br>Avidin-Biotin-Peroxidase Diluent<br>Wash Buffer Concentrate (Powder for 1000mL)<br>Color Developing Reagent<br>Stop Solution<br>Plate Sealers |
| Interference            | No detectable cross-reactivity with other relevant proteins                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store the unopened product at 2-8 degree C.                                                                                                                                                                                                                                                                                                             |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Related Product Information for IL-2 elisa kit | IL-2 is a powerful immunoregulatory lymphokine produced by T-cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T-cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B-cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes.<br>Human IL-2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IL-2 with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IL-2. It contains E Coli-expressed recombinant Human IL-2. The detection antibody is a biotinylated goat polyclonal antibody specific for IL-2. The kit is analytically validated with ready to use reagents. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 28178861                                                                                            |
| NCBI GeneID                      | 3558                                                                                                |
| NCBI Accession #                 | NP_000577.2                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000586.3                                                                                         |
| UniProt Accession #              | P60568; P01585                                                                                      |
| Molecular Weight                 | 17,628 Da                                                                                           |
| NCBI Official Full Name          | interleukin-2                                                                                       |
| NCBI Official Synonym Full Names | interleukin 2                                                                                       |
| NCBI Official Symbol             | IL2                                                                                                 |
| NCBI Official Synonym Symbols    | IL-2; TCGF; lymphokine                                                                              |
| NCBI Protein Information         | interleukin-2; aldesleukin; T cell growth factor; involved in regulation of T-cell clonal expansion |
| UniProt Protein Name             | Interleukin-2                                                                                       |
| UniProt Gene Name                | IL2                                                                                                 |
| UniProt Synonym Gene Names       | IL-2; TCGF                                                                                          |
| UniProt Entry Name               | IL2_HUMAN                                                                                           |

**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.