

## Human Interleukin-2 receptor, IL-2R/CD122 ELISA Kit | IL-2R/CD122 elisa kit

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CATALOG #  
**AAA41484**

REACTIVITY  
**Human**

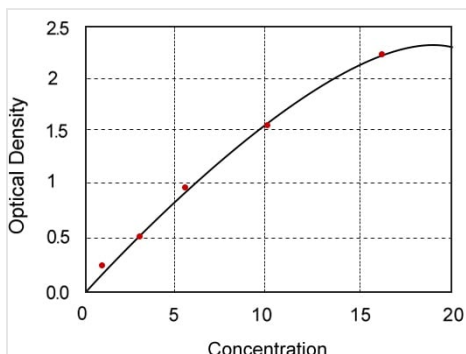
### PRODUCT SYNONYMS

Interleukin-2 receptor; IL-2R/CD122; Human Interleukin-2 receptor; IL-2R/CD122 ELISA Kit; IL-2R/CD122 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 6                                                                        |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.1ng/ml - 40ng/ml                                                       |
| Sensitivity             | 0.056ng/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL-2R/CD122 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Interleukin 2 Receptor (also known as IL-2R) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL-2R antibody. IL-2R present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL-2R Antibody is added and binds to IL-2R in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-2R antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL-2R. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 186325                                                            |
| NCBI GeneID                      | 3559                                                              |
| Molecular Weight                 | 30,819 Da                                                         |
| NCBI Official Full Name          | interleukin 2 receptor, partial                                   |
| NCBI Official Synonym Full Names | interleukin 2 receptor subunit alpha                              |
| NCBI Official Symbol             | IL2RA                                                             |
| NCBI Official Synonym Symbols    | p55; CD25; IL2R; IMD41; TCGFR; IDDM10                             |
| NCBI Protein Information         | interleukin-2 receptor subunit alpha                              |
| UniProt Protein Name             | Interleukin-2 receptor subunit alpha                              |
| UniProt Gene Name                | IL2RA                                                             |
| UniProt Synonym Gene Names       | IL-2 receptor subunit alpha; IL-2-RA; IL-2R subunit alpha; IL2-RA |

**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/interleukin-2-receptor-il-2r-cd122/41484>