

## Human Interleukin-4 receptor subunit alpha ELISA Kit | IL4R elisa kit

Human Interleukin-4 receptor subunit alpha ELISA Kit

CATALOG #  
**AAA193674**

REACTIVITY  
**Human**

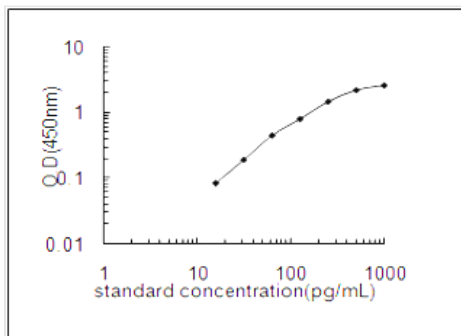
### PRODUCT SYNONYMS

Interleukin-4 receptor subunit alpha; Human Interleukin-4 receptor subunit alpha ELISA Kit; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; IL4R; IL4RA; 582J2.1; CD124; IL4R elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                     |
| Specificity             | This assay recognizes recombinant and natural human IL-4RA. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 825                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                  |
| Detection Range         | 15.6-1000 pg/mL                                                                                                           |
| Sensitivity             | 7.5 pg/mL                                                                                                                 |
| Intra-Assay CV          | <=4.8%                                                                                                                    |
| Inter-Assay CV          | <=6.9%                                                                                                                    |
| Recovery                | 85%                                                                                                                       |
| 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 IL4R elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human interleukin-4 receptor subunit alpha,IL-4RA concentrations in serum, Plasma, Urine, tissue homogenates and Cell culture supernates and 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 IL-4RA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-4RA 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-4RA, 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-4RA 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 #                        | 4557669                                                                                                                                                         |
| NCBI GeneID                      | 3566                                                                                                                                                            |
| NCBI Accession #                 | NP_000409.1                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000418.3                                                                                                                                                     |
| UniProt Accession #              | P24394; Q96P01; Q9H181; Q9H182; Q9H183; Q9H184; Q9H185; Q9H186; Q9H187; B4E076; B9EKU8; H3BSY5                                                                  |
| Molecular Weight                 | 88,267 Da                                                                                                                                                       |
| NCBI Official Full Name          | interleukin-4 receptor subunit alpha isoform a                                                                                                                  |
| NCBI Official Synonym Full Names | interleukin 4 receptor                                                                                                                                          |
| NCBI Official Symbol             | IL4R                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CD124; IL4RA; IL-4RA                                                                                                                                            |
| NCBI Protein Information         | interleukin-4 receptor subunit alpha                                                                                                                            |
| UniProt Protein Name             | Interleukin-4 receptor subunit alpha                                                                                                                            |
| UniProt Gene Name                | IL4R                                                                                                                                                            |
| UniProt Synonym Gene Names       | IL4RA; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; Soluble IL-4 receptor subunit alpha; Soluble IL-4R-alpha; sIL4Ralpha/prot; IL4-BP |
| UniProt Entry Name               | IL4RA_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.

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Online datasheet: <https://stage.aaabiotech.com/il4r-human-elisa-kits/interleukin-4-receptor-subunit-alpha/193674>