

## Human interleukin 22 receptor, alpha 2 ELISA Kit | IL22RA2 elisa kit

Human Interleukin-22 receptor subunit alpha-2, IL22RA2 ELISA Kit

CATALOG #  
**AAA18137**

REACTIVITY  
**Human**

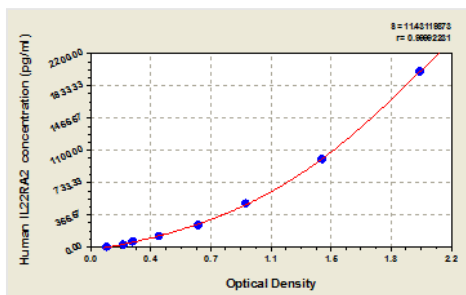
### PRODUCT SYNONYMS

interleukin 22 receptor; alpha 2; Human Interleukin-22 receptor subunit alpha-2; IL22RA2 ELISA Kit; Human Interleukin-22 receptor subunit alpha-2 (IL22RA2) ELISA kit; CRF2-10; CRF2-S1; CRF2X; IL-22BP; MGC150509; MGC150510; class II cytokine receptor; interleukin 22-binding protein; IL22RA2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human IL22RA2. No significant cross-reactivity or interference between human IL22RA2 and analogues was observed. |
| Sequence Length         | 263                                                                                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                       |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                           |
| Detection Range         | 31.25 pg/ml-2000 pg/ml                                                                                                                                                                      |
| Sensitivity             | < 7.81 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

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for IL22RA2 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL22RA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL22RA2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL22RA2 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 IL22RA2 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 16418459                                                                                                                                                  |
| NCBI GeneID                      | 116379                                                                                                                                                    |
| NCBI Accession #                 | NP_443194.1                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_052962.2                                                                                                                                               |
| UniProt Accession #              | Q969J5; Q08AH7; Q6UWM1; Q96A41; Q96QR0                                                                                                                    |
| Molecular Weight                 | 30,550 Da                                                                                                                                                 |
| NCBI Official Full Name          | interleukin-22 receptor subunit alpha-2 isoform 1                                                                                                         |
| NCBI Official Synonym Full Names | interleukin 22 receptor, alpha 2                                                                                                                          |
| NCBI Official Symbol             | IL22RA2                                                                                                                                                   |
| NCBI Official Synonym Symbols    | CRF2X; CRF2-10; CRF2-S1; IL-22BP; IL-22RA2; ZCYTOR16; IL-22R-alpha-2                                                                                      |
| NCBI Protein Information         | interleukin-22 receptor subunit alpha-2; interleukin 22-binding protein; cytokine receptor class-II member 10; cytokine receptor family type 2, soluble 1 |
| UniProt Protein Name             | Interleukin-22 receptor subunit alpha-2                                                                                                                   |
| UniProt Gene Name                | IL22RA2                                                                                                                                                   |
| UniProt Synonym Gene Names       | UNQ5793/PRO19598/PRO19822; IL-22 receptor subunit alpha-2; IL-22R-alpha-2; IL-22RA2; CRF2-10; CRF2-S1; IL-22BP; IL22BP                                    |
| UniProt Entry Name               | I22R2_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://www.aaabiotech.com/il22ra2-human-elisa-kits/interleukin-22-receptor-alpha-2/18137>