

## Chicken Interleukin 1 Receptor antagonist ELISA Kit | IL1RA elisa kit

Chicken Interleukin 1 Receptor antagonist ELISA Kit

CATALOG #  
**AAA91743**

REACTIVITY  
**Chicken**

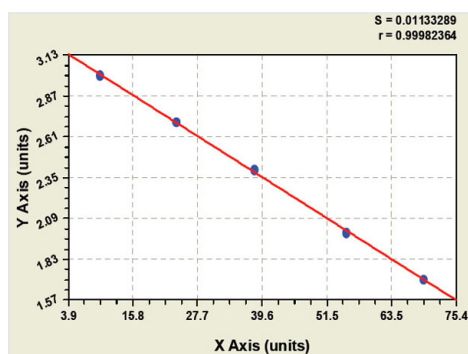
### PRODUCT SYNONYMS

Interleukin 1 Receptor antagonist; Chicken Interleukin 1 Receptor antagonist ELISA Kit; IL1RA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive                                                                                                                                                                                |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                 |
| Intended Uses           | This IL1RA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken IL1RA. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL1RA elisa kit

**Principle of the Assay:** IL1RA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL1RA antibody and an IL1RA-HRP conjugate. The assay sample and buffer are incubated together with IL1RA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL1RA concentration since IL1RA from samples and IL1RA-HRP conjugate compete for the anti-IL1RA antibody binding site. Since the number of sites is limited, as more sites are occupied by IL1RA from the sample, fewer sites are left to bind IL1RA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL1RA concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for IL1RA elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 186386                                                                                                                                                                                                                         |
| NCBI GeneID                      | 3557                                                                                                                                                                                                                           |
| UniProt Accession #              | P18510; Q14628; Q7RTZ4; Q96GD6; Q9UPC0; A8K4G1; Q53SC2; Q9UP87                                                                                                                                                                 |
| Molecular Weight                 | 20,055 Da                                                                                                                                                                                                                      |
| NCBI Official Full Name          | interleukin 1 receptor antagonist                                                                                                                                                                                              |
| NCBI Official Synonym Full Names | interleukin 1 receptor antagonist                                                                                                                                                                                              |
| NCBI Official Symbol             | IL1RN                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA                                                                                                                                                             |
| NCBI Protein Information         | interleukin-1 receptor antagonist protein; IL1 inhibitor; IL1RN (IL1F3); type II interleukin-1 receptor antagonist; intracellular IL-1 receptor antagonist type II; intracellular interleukin-1 receptor antagonist (icIL-1ra) |
| UniProt Protein Name             | Interleukin-1 receptor antagonist protein                                                                                                                                                                                      |
| UniProt Gene Name                | IL1RN                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | IL1F3; IL1RA; IL-1RN; IL-1ra; IRAP                                                                                                                                                                                             |
| UniProt Entry Name               | IL1RA_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/il1ra-chicken-elisa-kits/interleukin-1-receptor-antagonist/91743>