

## Rat Interleukin-10 ELISA Kit | Il10 elisa kit

Rat Interleukin-10 ELISA Kit

CATALOG #  
**AAA57282**

REACTIVITY  
**Rat**

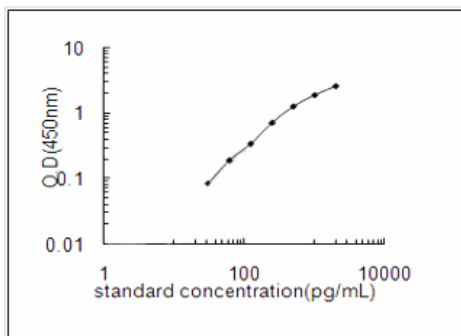
### PRODUCT SYNONYMS

Interleukin-10; Rat Interleukin-10 ELISA Kit; IL-10; Cytokine synthesis inhibitory factor; CSIF; Il10; IL-10; Il10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                    |
| Specificity             | This assay recognizes recombinant and natural rat IL-10. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 178                                                                                                                    |
| Assay Type              | Sandwich                                                                                                               |
| Detection Range         | 31.2-2000 pg/mL                                                                                                        |
| Sensitivity             | 15.67 pg/mL                                                                                                            |
| Intra-Assay CV          | <=5.2%                                                                                                                 |
| Inter-Assay CV          | <=8.9%                                                                                                                 |
| Recovery                | 89%                                                                                                                    |
| 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 IL10 elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat interleukin-10,IL-10 concentrations in serum, Plasma, 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-10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IL-10 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-10, 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-10 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 #                        | 148747382          |
| NCBI GeneID                      | 25325              |
| NCBI Accession #                 | NP_036986.2        |
| NCBI GenBank Nucleotide #        | NM_012854.2        |
| UniProt Accession #              | P29456; Q63263     |
| Molecular Weight                 | 20,426 Da          |
| NCBI Official Full Name          | interleukin-10     |
| NCBI Official Synonym Full Names | interleukin 10     |
| NCBI Official Symbol             | IL10               |
| NCBI Official Synonym Symbols    | IL10X              |
| NCBI Protein Information         | interleukin-10     |
| UniProt Protein Name             | Interleukin-10     |
| UniProt Gene Name                | IL10               |
| UniProt Synonym Gene Names       | IL-10; IL-10; CSIF |
| UniProt Entry Name               | IL10_RAT           |

**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/il10-rat-elisa-kits/interleukin-10/57282>