

## Rat interleukin 10 ELISA Kit | IL10 elisa kit

Rat Interleukin 10, IL-10 ELISA Kit

CATALOG #  
**AAA80141**

REACTIVITY  
**Rat**

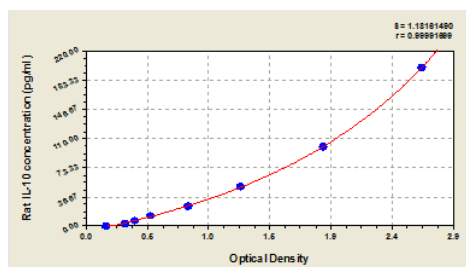
### PRODUCT SYNONYMS

interleukin 10; Rat Interleukin 10; IL-10 ELISA Kit; IL-10 ELISA KIT; CSIF; IL-10; IL10A; MGC126450; MGC126451; TGIF; cytokine synthesis inhibitory factor; IL10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of rat IL-10. No significant cross-reactivity or interference between rat IL-10 and analogues was observed. |
| Sequence Length         | 178                                                                                                                                                                                 |
| Samples                 | Serum, plasma, cell culture supernates, tissue homogenates                                                                                                                          |
| Assay Type              | Quantitative Sandwich                                                                                                                                                               |
| Detection Range         | 3.12 pg/ml-200 pg/ml                                                                                                                                                                |
| Sensitivity             | < 0.78 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

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for IL10 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-10 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 IL-10 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                |
|----------------------------|----------------|
| NCBI GI #                  | 62510840       |
| UniProt Accession #        | Q9TSJ4; Q1W5D6 |
| Molecular Weight           | 20,146 Da      |
| NCBI Official Full Name    | Interleukin-10 |
| UniProt Protein Name       | Interleukin-10 |
| UniProt Gene Name          | IL10           |
| UniProt Synonym Gene Names | IL-10; CSIF    |
| UniProt Entry Name         | IL10_RABIT     |

**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-10/80141>