

## Hamster Interleukin 10 (IL-10) ELISA Kit | IL-10 elisa kit

Hamster Interleukin 10 (IL-10) ELISA Kit

CATALOG #  
**AAA121333**

REACTIVITY  
**Hamster**

### PRODUCT SYNONYMS

Interleukin 10 (IL-10); Hamster Interleukin 10 (IL-10) ELISA Kit; IL-10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Hamster                                                                  |
| Sequence Length         | 178                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 6ng/L - 1000ng/L                                                         |
| Sensitivity             | 3.25ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IL-10 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Hamster Interleukin 10 (also known as IL-10) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Hamster IL-10 antibody. IL-10 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Hamster IL-10 Antibody is added and binds to IL-10 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-10 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Hamster IL-10. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 10835141                        |
| NCBI GeneID                      | 3586                            |
| NCBI Accession #                 | NP_000563.1                     |
| NCBI GenBank Nucleotide #        | NM_000572.3                     |
| UniProt Accession #              | P22301                          |
| Molecular Weight                 | 20,517 Da                       |
| NCBI Official Full Name          | interleukin-10                  |
| NCBI Official Synonym Full Names | interleukin 10                  |
| NCBI Official Symbol             | IL10                            |
| NCBI Official Synonym Symbols    | CSIF; TGIF; GVHDS; IL-10; IL10A |
| NCBI Protein Information         | interleukin-10                  |
| UniProt Protein Name             | Interleukin-10                  |
| UniProt Gene Name                | IL10                            |
| UniProt Synonym Gene Names       | IL-10; CSIF                     |

**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/hamster-elisa-kits/interleukin-10-il-10/121333>