

## Horse Interleukin-10 ELISA Kit | IL10 elisa kit

Horse Interleukin-10 (IL10) ELISA Kit

|                              |                            |
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| CATALOG #<br><b>AAA55417</b> | REACTIVITY<br><b>Horse</b> |
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### PRODUCT SYNONYMS

Interleukin-10; Horse Interleukin-10 (IL10) ELISA Kit; IL10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Horse                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Horse IL-10. No significant cross-reactivity or interference between Horse IL-10 and analogues was observed.               |
| Sequence Length         | 178                                                                                                                                                                                                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                 |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                             |
| Detection Range         | 15.6 pg/mL - 1000 pg/mL                                                                                                                                                                               |
| Sensitivity             | 7.8 pg/mL (mean of 6 independent assays)                                                                                                                                                              |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%                      |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12% |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                |

### ADDITIONAL INFORMATION

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| Related Product Information for IL10 elisa kit | <p>Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL-10 in Horse serum, plasma. An 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, Streptavidin 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.</p> <p>Intended Uses: For the quantitative detection of Horse Interleukin 10 (IL-10) concentration in serum, plasma and other biological fluids.</p> |
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### NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | <a href="#">126723435</a>      |
| NCBI GeneID               | <a href="#">100034187</a>      |
| NCBI Accession #          | <a href="#">NP_001075959.1</a> |
| NCBI GenBank Nucleotide # | <a href="#">NM_001082490.1</a> |
| UniProt Accession #       | <a href="#">Q28374</a>         |

|                                         |                |
|-----------------------------------------|----------------|
| <b>Molecular Weight</b>                 | 20,451 Da      |
| <b>NCBI Official Full Name</b>          | interleukin-10 |
| <b>NCBI Official Synonym Full Names</b> | interleukin 10 |
| <b>NCBI Official Symbol</b>             | IL10           |
| <b>NCBI Official Synonym Symbols</b>    | IL-10          |
| <b>NCBI Protein Information</b>         | interleukin-10 |
| <b>UniProt Protein Name</b>             | Interleukin-10 |
| <b>UniProt Gene Name</b>                | <b>IL10</b>    |
| <b>UniProt Synonym Gene Names</b>       | 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/il10-horse-elisa-kits/interleukin-10/55417>