

## Duck Interleukin 8 (IL-8) ELISA Kit | IL8 elisa kit

Duck Interleukin 8 (IL-8) ELISA Kit

CATALOG #  
**AAA190380**

REACTIVITY  
**Duck**

### PRODUCT SYNONYMS

Interleukin 8 (IL-8); Duck Interleukin 8 (IL-8) ELISA Kit; CXCL8; GCP-1; GCP1; LECT; LUCT; LYNAP; MDNCF; MONAP; NAF; NAP-1; NAP1; T cell chemotactic factor|beta-thromboglobulin-like protein|chemokine (C-X-C motif) ligand 8|emoctakin|granulocyte chemotactic; IL8 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Duck                                                                                                                                                                                                  |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Duck IL-8. No significant cross-reactivity or interference between Duck IL-8 and analogues was observed.                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                 |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                             |
| Detection Range         | 3.12 pg/mL - 200 pg/mL                                                                                                                                                                                |
| Sensitivity             | 1.56 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. Please refer to Instruction Manual.                                                                                                                                            |

### ADDITIONAL INFORMATION

#### Related Product Information for IL8 elisa kit

**Principle of the Assay:** This assay employs a two-site sandwich ELISA to quantitate IL-8 in Duck serum, plasma. An antibody specific for IL-8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-8 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-8 bound in the initial step. The color development is stopped and the intensity of the color is measured.

**Intended Uses:** For the quantitative detection of Duck Interleukin 8 (IL-8) concentration in serum, plasma and other biological fluids.

**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/il8-duck-elisa-kits/interleukin-8-il-8/190380>