

## Monkey interleukin 8 ELISA Kit | IL8 elisa kit

Monkey Interleukin-8, IL-8 ELISA Kit

CATALOG #  
**AAA80224**

REACTIVITY  
**Monkey**

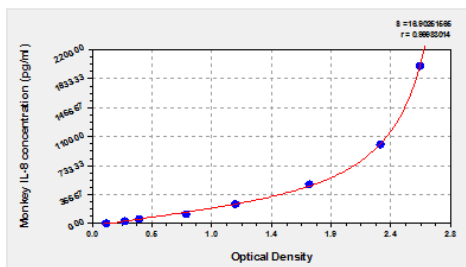
### PRODUCT SYNONYMS

interleukin 8; Monkey 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              | Monkey                                                                                                                                                                                  |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of monkey IL-8. No significant cross-reactivity or interference between monkey IL-8 and analogues was observed. |
| Sequence Length         | 101                                                                                                                                                                                     |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                   |
| Samples                 | Serum, plasma, cell culture supernates, tissue homogenates                                                                                                                              |
| Detection Range         | 31.25 pg/ml-2000 pg/ml                                                                                                                                                                  |
| Sensitivity             | < 7.81 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 IL8 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, 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-8 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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NCBI AND UNIPROT INFORMATION

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                     | 74136483                                                                       |
| NCBI GeneID                   | 613028                                                                         |
| NCBI Accession #              | NP_001028137.1                                                                 |
| NCBI GenBank Nucleotide #     | NM_001032965.1                                                                 |
| UniProt Accession #           | P67813; P51495                                                                 |
| Molecular Weight              | 11,320 Da                                                                      |
| NCBI Official Full Name       | interleukin-8                                                                  |
| NCBI Official Symbol          | CXCL8                                                                          |
| NCBI Official Synonym Symbols | IL8                                                                            |
| NCBI Protein Information      | interleukin-8; IL-8; C-X-C motif chemokine 8; chemokine (C-X-C motif) ligand 8 |
| UniProt Protein Name          | Interleukin-8                                                                  |
| UniProt Gene Name             | CXCL8                                                                          |
| UniProt Synonym Gene Names    | IL8; IL-8                                                                      |
| UniProt Entry Name            | IL8_MACMU                                                                      |

**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.