

## Mouse Interleukin 16, IL-16 ELISA Kit | IL-16 elisa kit

Mouse Interleukin 16, IL-16 ELISA Kit

CATALOG #  
**AAA41292**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

Interleukin 16; IL-16; Mouse Interleukin 16; IL-16 ELISA Kit; IL-16 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                    |
| Sequence Length         | 1331                                                                     |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 5ng/L - 400ng/L                                                          |
| Sensitivity             | 0.31ng/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-16 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Mouse Interleukin 16 (also known as IL-16) 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 Mouse IL-16 antibody. IL-16 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse IL-16 Antibody is added and binds to IL-16 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-16 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 Mouse IL-16. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 223460532                                                                      |
| NCBI GeneID                      | 3603                                                                           |
| UniProt Accession #              | Q14005; Q16435; Q6VVE6; Q6ZMQ7; Q9UP18; A6NM20; A8MU65; B5TY35; B9EGR6; H3BVH5 |
| Molecular Weight                 | 141,681 Da                                                                     |
| NCBI Official Full Name          | IL16 protein                                                                   |
| NCBI Official Synonym Full Names | interleukin 16                                                                 |
| NCBI Official Symbol             | IL16                                                                           |
| NCBI Official Synonym Symbols    | LCF; NIL16; PRIL16; prIL-16                                                    |
| NCBI Protein Information         | pro-interleukin-16                                                             |
| UniProt Protein Name             | Pro-interleukin-16                                                             |
| UniProt Gene Name                | IL16                                                                           |
| UniProt Synonym Gene Names       | IL-16; LCF                                                                     |

**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/mouse-elisa-kits/interleukin-16-il-16/41292>