

## Mouse TNF-alpha ELISA Kit | TNF-alpha elisa kit

Mouse TNF-alpha FAST ELISA Kit

CATALOG #  
**AAA282459**

REACTIVITY  
**Mouse**

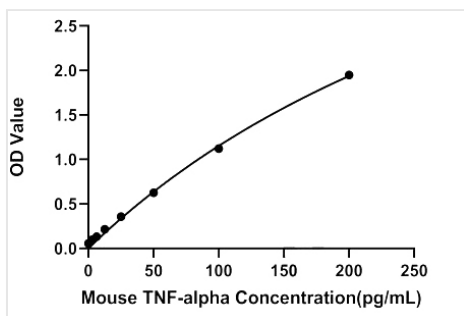
### PRODUCT SYNONYMS

TNF-alpha; Mouse TNF-alpha FAST ELISA Kit; TNF-alpha elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                         |
| Specificity             | This assay recognizes both recombinant and natural mouse TNF-alpha. The factors listed below were prepared at 10ng/mL and assayed for cross-reactivity.       |
| Assay Type              | Quantitative Sandwich                                                                                                                                         |
| Detection Range         | 3.1-200pg/mL                                                                                                                                                  |
| Sensitivity             | < 0.51pg/mL                                                                                                                                                   |
| Intra-assay Precision   | Intra-plate Precision 3 samples with low, middle and high level TNF-alpha were tested 16 times on one plate, respectively. Intra-Assay: CV<10%                |
| Inter-assay Precision   | Inter-plate Precision 3 samples with low, middle and high level TNF-alpha were tested on 3 different plates, 16 replicates in each plate. Inter-Assay: CV<15% |
| Preparation and Storage | Ship: Ice Pack                                                                                                                                                |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Related Product Information for TNF-alpha elisa kit | <p>Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNF-alpha in mouse serum, plasma, cell culture supernatants and other biological fluid.</p> <p>Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for mouse TNF-alpha has been pre-coated onto a microplate. Samples (or Standards) and biotinylated detection antibody specific for TNF-alpha are added to the wells, TNF-alpha binds to the antibody on the solid-phase vector and the detection antibody to complete the "one-step sandwich". After incubation, the wells are washed to remove unbound material, and Avidin-Horseradish Peroxidase (HRP) conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of TNF-alpha bound in the initial step. The color development is stopped and the absorbance is measured.</p> |
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**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/mouse-elisa-kits/tnf-alpha/282459>