

## Mouse Interferon gamma, IFN-gamma ELISA Kit | IFN-gamma elisa kit

Mouse Interferon gamma, IFN-gamma ELISA Kit

CATALOG #  
**AAA278878**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

Interferon gamma; IFN-gamma; Mouse Interferon gamma; IFN-gamma ELISA Kit; IFN-gamma elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                           |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of mouse IFN-gamma. No significant cross-reactivity or interference between mouse IFN-gamma and analogues was observed. |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                           |
| Samples                 | Serum, plasma, tissue homogenates                                                                                                                                                               |
| Detection Range         | 0.156 ng/ml-10 ng/ml                                                                                                                                                                            |
| Sensitivity             | < 0.039 ng/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.                                                               |

### ADDITIONAL INFORMATION

#### Related Product Information for IFN-gamma elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFN-gamma has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFN-gamma present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFN-gamma 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 IFN-gamma bound in the initial step. The color development is stopped and the intensity of the color is measured.

### NCBI AND UNIPROT INFORMATION

UniProt Accession #

[P01580](#)

**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/interferon-gamma-ifn-gamma/278878>