

## Monkey Interferon Gamma Inducible Protein 16 ELISA Kit | IFI16 elisa kit

Monkey Interferon Gamma Inducible Protein 16 ELISA Kit

CATALOG #  
**AAA93716**

REACTIVITY  
**Monkey**

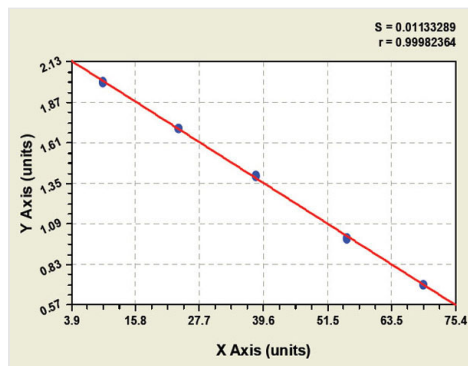
### PRODUCT SYNONYMS

Interferon Gamma Inducible Protein 16; Monkey Interferon Gamma Inducible Protein 16 ELISA Kit; IFI16 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                |
| Assay Type              | Sandwich                                                                                                                                                                                  |
| Detection Range         | 50-1000pg/mL                                                                                                                                                                              |
| Sensitivity             | 1.0pg/mL                                                                                                                                                                                  |
| Intended Uses           | This IFI16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey IFI16. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IFI16 elisa kit

**Principle of the Assay:** IFI16 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IFI16 antibody and an IFI16-HRP conjugate. The assay sample and buffer are incubated together with IFI16-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IFI16 concentration since IFI16 from samples and IFI16-HRP conjugate compete for the anti-IFI16 antibody binding site. Since the number of sites is limited, as more sites are occupied by IFI16 from the sample, fewer sites are left to bind IFI16-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFI16 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 330864753                                                                                                                                              |
| NCBI GeneID                      | 3428                                                                                                                                                   |
| NCBI Accession #                 | NP_001193496.1                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_001206567.1                                                                                                                                         |
| Molecular Weight                 | 82,588 Da                                                                                                                                              |
| NCBI Official Full Name          | gamma-interferon-inducible protein 16 isoform 1                                                                                                        |
| NCBI Official Synonym Full Names | interferon, gamma-inducible protein 16                                                                                                                 |
| NCBI Official Symbol             | IFI16                                                                                                                                                  |
| NCBI Official Synonym Symbols    | PYHIN2; IFNGIP1                                                                                                                                        |
| NCBI Protein Information         | gamma-interferon-inducible protein 16; interferon-gamma induced protein IFI 16; interferon-inducible myeloid differentiation transcriptional activator |
| UniProt Protein Name             | Gamma-interferon-inducible protein 16                                                                                                                  |
| UniProt Gene Name                | <b>IFI16</b>                                                                                                                                           |
| UniProt Synonym Gene Names       | IFNGIP1; Ifi-16                                                                                                                                        |
| UniProt Entry Name               | IFI16_HUMAN                                                                                                                                            |

**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/ifi16-monkey-elisa-kits/interferon-gamma-inducible-protein-16/93716>