

Human Interferon Gamma Inducible Protein 16 ELISA Kit | IFI16 elisa kit

Human Interferon Gamma Inducible Protein 16 (IFI16) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189926

REACTIVITY
Human

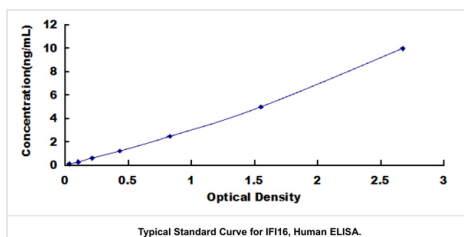
PRODUCT SYNONYMS

Interferon Gamma Inducible Protein 16; Human Interferon Gamma Inducible Protein 16 (IFI16) (Sandwich ELISA) ELISA Kit; IFI16; IFNGIP1; PYHIN2; Interferon-inducible myeloid differentiation transcriptional activator; ELISA Kit for Interferon Gamma Inducible Protein 16 (IFI16); IFI16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IFI16. No significant cross-reactivity or interference between IFI16 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IFI16 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IFI16 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFI16 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IFI16. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IFI16. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IFI16, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IFI16 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IFI16 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for IFI16 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	330864753
NCBI GeneID	3428
NCBI Accession #	NP_001193496.1
NCBI GenBank Nucleotide #	NM_001206567.1
UniProt Accession #	Q16666; Q59GX0; Q5T3W7; Q5T3W8; Q5T3X0; Q5T3X1; Q5T3X2; Q8N9E5; Q8NEQ7; Q96AJ5; B4DJT8; H3BLV7
Molecular Weight	88,256 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	IFI16
UniProt Synonym Gene Names	IFNGIP1; Ifi-16
UniProt Entry Name	IF16_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-human-elisa-kits/interferon-gamma-inducible-protein-16/189926>