

Human Gamma-interferon-inducible protein 16 ELISA Kit | IFI16 elisa kit

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CATALOG #
AAA195766

REACTIVITY
Human

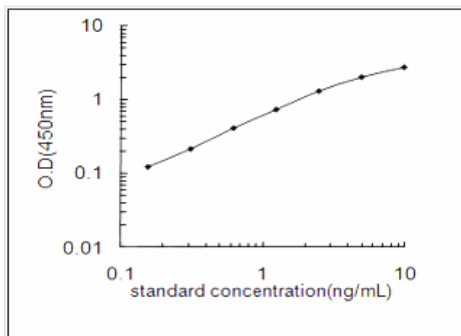
PRODUCT SYNONYMS

Gamma-interferon-inducible protein 16; Human Gamma-interferon-inducible protein 16 ELISA Kit; Ifi-16; Interferon-inducible myeloid differentiation transcriptional activator; IFI16; IFNGIP1; IFI16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Ifi-16. No significant cross-reactivity or interference was observed.
Sequence Length	729
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078ng/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=10.3%
Recovery	104%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFI16 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Ifi-16 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ifi-16. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Ifi-16 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Ifi-16, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Ifi-16 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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	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
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.