

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

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CATALOG #
AAA16171

REACTIVITY
Human

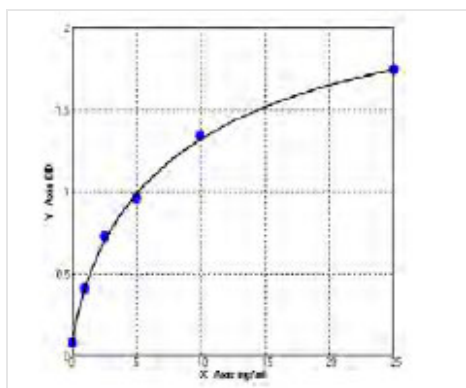
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFI16 elisa kit

Intended Uses: This IP-16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IP-16. This ELISA kit for research use only!

Principle of the Assay: IP-16 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IP-16. Standards or samples are then added to the microtiter plate wells and IP-16 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IP-16 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IP-16 are added to each well to "sandwich" the IP-16 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IP-16 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IP-16 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IFI16
elisa kit

Cancer

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	IFI16
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-human-elisa-kits/interferon-gamma-inducible-protein-16/16171>