

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

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CATALOG #
AAA91182

REACTIVITY
Goat

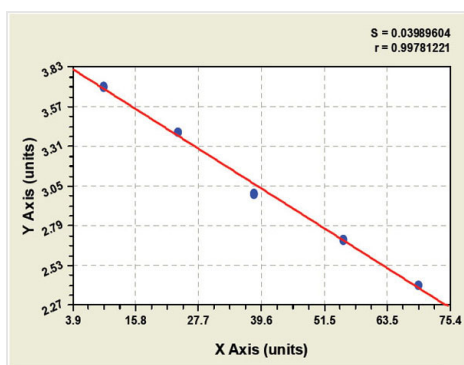
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/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 IFI16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat IFI16. This ELISA kit for research use only!

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.

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	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-goat-elisa-kits/interferon-gamma-inducible-protein-16/91182>