

Chicken Interferon Antibody ELISA Kit | IFN elisa kit

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CATALOG #
AAA94965

REACTIVITY
Chicken

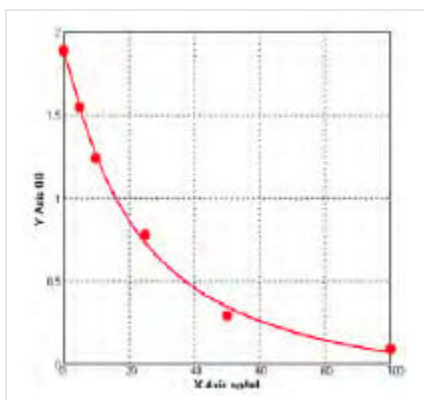
PRODUCT SYNONYMS

Interferon Antibody; Chicken Interferon Antibody ELISA Kit; IFN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN elisa kit

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

Principle of the Assay: IFNAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Interferon antigen and an IFNAb-HRP conjugate. The assay sample and buffer are incubated together with IFNAb-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 IFNAb concentration since IFNAb from samples and IFNAb-HRP conjugate compete for the Interferon antigen binding site. Since the number of sites is limited, as more sites are occupied by IFNAb from the sample, fewer sites are left to bind IFNAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNAb concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32719
NCBI GeneID	3442
UniProt Accession #	P01569; Q52LX3
Molecular Weight	21,942 Da
NCBI Official Full Name	interferon, partial
NCBI Official Synonym Full Names	interferon, alpha 5
NCBI Official Symbol	IFNA5
NCBI Official Synonym Symbols	INA5; INFA5; leIF G; IFN-alphaG; IFN-alpha-5
NCBI Protein Information	interferon alpha-5; interferon alpha-G; interferon alpha-61
UniProt Protein Name	Interferon alpha-5
UniProt Gene Name	IFNA5
UniProt Synonym Gene Names	IFN-alpha-5; LeIF G
UniProt Entry Name	IFNA5_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/ifn-chicken-elisa-kits/interferon-antibody/94965>