

Chicken Interferon gamma ELISA Kit | IFN-gamma elisa kit

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CATALOG #
AAA16973

REACTIVITY
Chicken

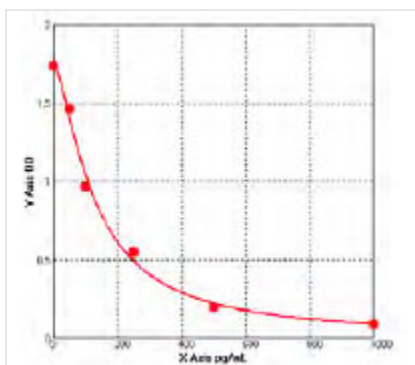
PRODUCT SYNONYMS

Interferon gamma; Chicken Interferon gamma ELISA Kit; Chicken Interferon g ELISA Kit; IFN-gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative 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 IFN-gamma elisa kit

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

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

Product Categories/Family for IFN-gamma elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
UniProt Accession #	P01579; Q53ZV4; B5BU88; Q14609; Q14610; Q14611; Q14612; Q14613; Q14614; Q14615; Q8NHY9; Q96LA2
Molecular Weight	19,348 Da
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFG; IFI
NCBI Protein Information	interferon gamma; IFN-gamma; immune interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ifn-gamma-chicken-elisa-kits/interferon-gamma/16973>