

Human IFN gamma ELISA Kit | IFNG elisa kit

Human IFN gamma ELISA Kit

CATALOG # AAA105840	REACTIVITY Human	APPLICATIONS ELISA
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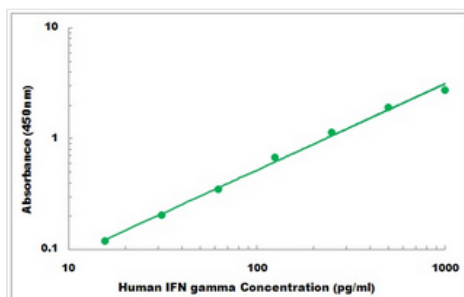
PRODUCT SYNONYMS

IFN gamma; Human IFN gamma ELISA Kit; Interferon gamma; IFN-gamma; Immune interferon; IFNG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IFN gamma ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IFN gamma proteins within the range of 15.625 pg/ml - 1000 pg/ml.
Sequence Length	166
Samples	Cell Culture Supernatants, Serum, Plasma, Urine, Tissue Homogenates
Assay Type	Sandwich
Sensitivity	The minimum detectable dose of Human IFN gamma is typically less than 4 pg/ml.
Applicable Applications for IFNG elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNG elisa kit

Principle of the assay: Interferon-gamma (IFN-gamma) is an inflammatory cytokine that has been implicated in the development of fibrosis in inflamed tissues. The production of IFN-gamma, which is under genetic control, can influence the development of fibrosis in lung allografts. IFN-gamma is also produced by natural killer (NK) cells and most prominently by CD8 cytotoxic T cells, and is vital for the control of microbial pathogens. Interferon gamma is believed to be crucial for host defence against many infections. Genetically determined variability in IFN-gamma and expression might be important for the development of tuberculosis. IFN-gamma activates human macrophage oxidative metabolism and antimicrobial activity. In addition to having antiviral activity, IFN-gamma has important immunoregulatory functions. IFN-gamma plays an important role in the control of neointima proliferation.

Background: Sandwich Enzyme-Linked Immunosorbent Assay for Quantitative Detection of Human IFN gamma Concentrations in Cell Culture Supernatants, Serum, Plasma, Urine, Tissue Homogenates.

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
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.

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Online datasheet: <https://stage.aaabiotech.com/ifng-human-elisa-kits/ifn-gamma/105840>