

Human IFN-gamma ELISA Kit | IFN-gamma elisa kit

Human IFN-gamma Pre-Coated ELISA Kit

CATALOG #
AAA79356

REACTIVITY
Human

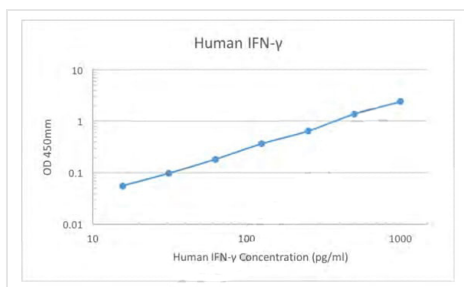
PRODUCT SYNONYMS

IFN-gamma; Human IFN-gamma Pre-Coated ELISA Kit; IFN-gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human IFN-gamma
Samples	Cell culture supernates, serum, plasma, and other biological fluids
Detection Range	15.6 pg/mL - 1,000 pg/mL
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-gamma elisa kit

Principle of the Assay: IFN-gamma is an immunoregulatory cytokine produced primarily by activated Th2 cells, and also by mast cells and NK cells. Targeted deletion of IFN-gamma in mice resulted in impaired Th2 cell development and indicated an important role for IFN-gamma in the expulsion of gastrointestinal parasites. IFN-gamma exerts anti-inflammatory effects on monocytes and macrophages and it inhibits the expression of inflammatory cytokines such as IL-1beta, TNF-alpha, IL-6 and IL-8. IFN-gamma has also been shown to enhance B cell proliferation and to induce isotype switching, resulting in increased production of IgE. Blocking of IFN-gamma activity inhibits the pathophysiology of asthma. Human and murine IFN-gamma are cross-species reactive. The Human IFN-gamma Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human IFN-gamma with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for IFN-gamma. It contains E. coli-expressed recombinant Human IFN-gamma. The detection antibody is a biotinylated goat polyclonal antibody specific for IFN-gamma. The kit is analytically validated with ready to use reagents.

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://www.aaabiotech.com/human-elisa-kits/ifn-gamma/79356>