

Interferon gamma ELISA Kit | IFN-gamma elisa kit

Human Interferon gamma (IFN-gamma) ELISA Kit

CATALOG #
AAA55393

PRODUCT SYNONYMS

Interferon gamma; Human Interferon gamma (IFN-gamma) ELISA Kit; IFN-gamma elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Human IFN-gamma. No significant cross-reactivity or interference between Human IFN-gamma and analogues was observed.
Sequence Length	166
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates and other biological fluids
Detection Range	6.25 pg/mL - 400 pg/mL
Sensitivity	3.1 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IFN-gamma elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IFN-gamma in Human serum, plasma, cell culture supernates, tissue homogenates. An antibody specific for IFN-gamma has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFN-gamma present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFN-gamma is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IFN-gamma bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Interferon gamma (IFN-gamma) concentration in serum, plasma, cell culture supernates, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
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/ifn-gamma-elisa-kits/interferon-gamma/55393>