

Human Interferon alpha, IFN-alpha ELISA Kit | IFN- elisa kit

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CATALOG #
AAA80030

REACTIVITY
Human

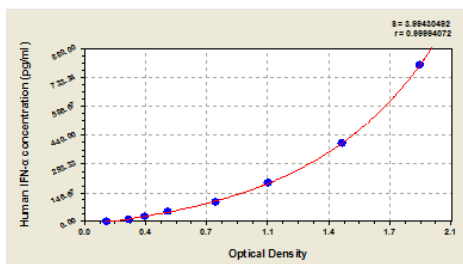
PRODUCT SYNONYMS

Interferon alpha; IFN-alpha; Human Interferon alpha; IFN-alpha ELISA Kit; IFN-; IFN- elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFN-alpha. No significant cross-reactivity or interference between human IFN-alpha and analogues was observed.
Sequence Length	195
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates
Detection Range	12.5 pg/ml-800 pg/ml
Sensitivity	< 3.12 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN- elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFN-alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFN-alpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFN-alpha is added to the wells. After washing, avidin 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-alpha bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386800
NCBI GeneID	3467
UniProt Accession #	P05000; Q13168; Q5U802; Q5VWD0; Q7M4P5
Molecular Weight	22,319 Da
NCBI Official Full Name	interferon-alpha
NCBI Official Synonym Full Names	interferon, omega 1
NCBI Official Symbol	IFNW1
NCBI Protein Information	interferon omega-1; interferon alpha-II-1; IFN-omega 1, interferon omega-1
UniProt Protein Name	Interferon omega-1
UniProt Gene Name	IFNW1
UniProt Entry Name	IFNW1_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-human-elisa-kits/interferon-alpha-ifn-alpha/80030>