

Human Interferon Alpha ELISA Kit | IFN-alpha elisa kit

Human Interferon Alpha ELISA Kit

CATALOG #
AAA97743

REACTIVITY
Human

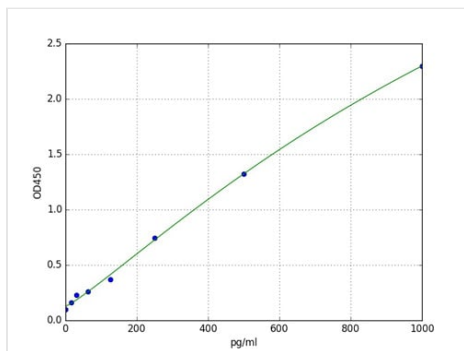
PRODUCT SYNONYMS

Interferon Alpha; Human Interferon Alpha ELISA Kit; IFN-alpha (Interferon Alpha); IFN-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	195
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human IFN- α ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.044	0.195	0.226	0.319	0.531	0.956	1.473	2.127

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-alpha elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IFN- alpha antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFN-alpha antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IFN-alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFN-alpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386800
NCBI GeneID	3467
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
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-alpha-human-elisa-kits/interferon-alpha/97743>