

Human Interferon alpha-1/13 ELISA Kit | IFNA1 elisa kit

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CATALOG #
AAA100618

REACTIVITY
Human

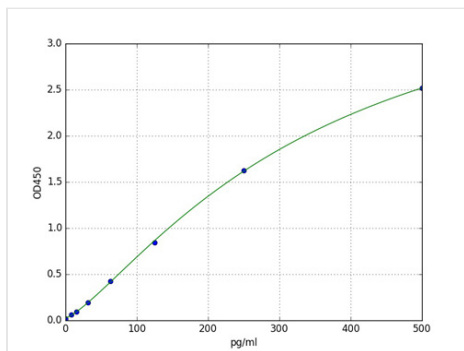
PRODUCT SYNONYMS

Interferon alpha-1/13; Human Interferon alpha-1/13 ELISA Kit; IFNA1 (Interferon alpha-1/13); IFNA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	190
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/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



Results of a typical standard run of a Human IFNA1 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	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.055	0.119	0.178	0.274	0.484	0.895	1.520	2.075

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IFNA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFNA1 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 IFNA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFNA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

194394174

NCBI GeneID	3447
NCBI Accession #	NP_008831.3
NCBI GenBank Nucleotide #	NM_006900.3
Molecular Weight	21,725 Da
NCBI Official Full Name	interferon alpha-1/13
NCBI Official Synonym Full Names	interferon, alpha 13
NCBI Official Symbol	IFNA13
NCBI Protein Information	interferon alpha-1/13
UniProt Protein Name	Interferon alpha-1/13
UniProt Gene Name	IFNA1
UniProt Synonym Gene Names	IFN-alpha-1/13; LeIF D
UniProt Entry Name	IFNA1_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/ifna1-human-elisa-kits/interferon-alpha-1-13/100618>