

Human Interferon alpha-10 ELISA Kit | IFNA10 elisa kit

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CATALOG #
AAA101711

REACTIVITY
Human

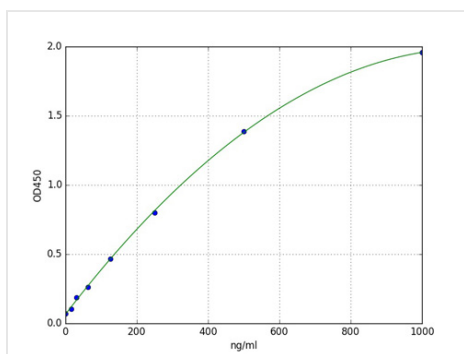
PRODUCT SYNONYMS

Interferon alpha-10; Human Interferon alpha-10 ELISA Kit; IFNA10/IFN-alpha-10/IFN-alphaC/interferon alpha-10/Interferon alpha-6L/Interferon alpha-C/interferon; alpha 10/LeIF C/Interferon alpha-6L/Interferon alpha-C (LeIF C); IFNA10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	189
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000ng/ml
Sensitivity	9.375ng/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 IFNA10 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	ng/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.057	0.113	0.144	0.232	0.399	0.749	1.699	2.633

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNA10 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IFNA10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFNA10 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. HRP-Streptavidin 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 IFNA10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFNA10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504589
NCBI GeneID	3446
NCBI Accession #	NP_002162.1
NCBI GenBank Nucleotide #	NM_002171.2
Molecular Weight	21,835 Da
NCBI Official Full Name	interferon alpha-10
NCBI Official Synonym Full Names	interferon, alpha 10
NCBI Official Symbol	IFNA10
NCBI Official Synonym Symbols	IFN-alphaC
NCBI Protein Information	interferon alpha-10
UniProt Protein Name	Interferon alpha-10
UniProt Gene Name	IFNA10
UniProt Synonym Gene Names	IFN-alpha-10; LeIF C
UniProt Entry Name	IFN10_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/ifna10-human-elisa-kits/interferon-alpha-10/101711>