

Human Interferon alpha-14 ELISA Kit | IFNA14 elisa kit

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CATALOG #
AAA99723

REACTIVITY
Human

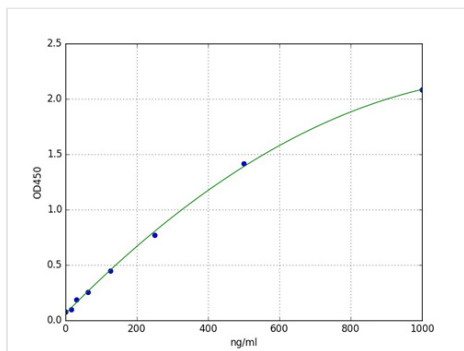
PRODUCT SYNONYMS

Interferon alpha-14; Human Interferon alpha-14 ELISA Kit; IFNA14/Interferon alpha-H (LeIF H)/Interferon lambda-2-H/IFN-alpha-14; IFNA14 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



Typical Data & Standard Curve

Results of a typical standard run of a Human IFNA14 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	0.028	0.197	0.274	0.488	0.859	1.223	1.729	2.235

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNA14 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IFNA14 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFNA14 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 IFNA14 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFNA14 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

170763491

NCBI GeneID	3448
NCBI Accession #	NP_002163.2
NCBI GenBank Nucleotide #	NM_002172.2
Molecular Weight	22,063 Da
NCBI Official Full Name	interferon alpha-14
NCBI Official Synonym Full Names	interferon, alpha 14
NCBI Official Symbol	IFNA14
NCBI Official Synonym Symbols	LEIF2H; IFN-alphaH
NCBI Protein Information	interferon alpha-14
UniProt Protein Name	Interferon alpha-14
UniProt Gene Name	IFNA14
UniProt Synonym Gene Names	IFN-alpha-14; LeIF H
UniProt Entry Name	IFN14_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ifna14-human-elisa-kits/interferon-alpha-14/99723>