

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

Human IFN-alpha ELISA Kit

CATALOG # AAA332539	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

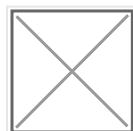
PRODUCT SYNONYMS

IFN-alpha; Human IFN-alpha ELISA Kit; IFNA1; IFL; IFN; IFNA; IFNA13; IFN-ALPHA; IFN-alphaD; IFN-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human IFN-alpha ELISA Kit 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.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	46.9 pg/mL-3,000 pg/mL
Sensitivity	46.9 pg/mL
Applicable Applications for IFN-alpha elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-alpha elisa kit	Principle of the Assay: The interferons (IFN)s are a family of cytokines with potent antiviral, antiproliferative and immunomodulatory properties. The protein encoded by IFN-alpha gene is produced by macrophages and has antiviral activity. Human IFN-alpha ELISA Kit employs a double antibody sandwich method to quantitate Human IFN-alpha in samples. An antibody specific for Human IFN-alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human IFN-alpha present is bound by the immobilized antibody. After removing any unbound substances, a HRP-conjugated antibody specific for Human IFN-alpha is added to the wells. After washing, remove any unbound HRP-conjugated antibody reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The Human IFN-alpha concentration is proportional to the OD450 nm value.
Product Categories/Family for IFN-alpha elisa kit	ELISA Assay Kit ; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	124455
NCBI GeneID	3439
UniProt Accession #	P01562; Q14605; Q2M1L8; Q52LB8; Q5VYQ2; Q7M4Q1; Q8WZ68; Q9UMJ3; D4Q9M8
Molecular Weight	21,725 Da
NCBI Official Full Name	Interferon alpha-1/13
NCBI Official Synonym Full Names	interferon, alpha 1
NCBI Official Symbol	IFNA1
NCBI Official Synonym Symbols	IFL; IFN; IFNA@; IFNA13; IFN-ALPHA; IFN-alphaD
NCBI Protein Information	interferon alpha-1/13; leIF D; IFN-alpha 1b; IFN-alpha-1/13; interferon-alpha1; interferon alpha-D; interferon alpha 1b
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ifn-alpha/332539>