

Human interferon, alpha 21 ELISA Kit | IFNA21 elisa kit

Human Interferon alpha-21, IFNA21 ELISA Kit

CATALOG #
AAA112698

REACTIVITY
Human

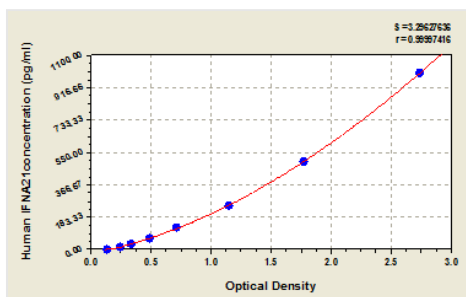
PRODUCT SYNONYMS

interferon; alpha 21; Human Interferon alpha-21; IFNA21 ELISA Kit; Human Interferon alpha-21 (IFNA21) ELISA kit; MGC126687; MGC126689; leukocyte interferon protein; IFNA21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IFNA21. No significant cross-reactivity or interference between Human IFNA21 and analogues was observed.
Sequence Length	189
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Antiviral defense
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNA21 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFNA21 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFNA21 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFNA21 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IFNA21 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169791013
NCBI GeneID	3452
NCBI Accession #	NP_002166.2
NCBI GenBank Nucleotide #	NM_002175.2
UniProt Accession #	P01568; Q14608; Q5VWD1; Q7M4Q4
Molecular Weight	21,741 Da
NCBI Official Full Name	interferon alpha-21
NCBI Official Synonym Full Names	interferon, alpha 21
NCBI Official Symbol	IFNA21
NCBI Official Synonym Symbols	LeIF F; leIF-F; IFN-alpha1
NCBI Protein Information	interferon alpha-21; IFN-alpha-21; interferon alpha-F; leukocyte interferon protein
UniProt Protein Name	Interferon alpha-21
UniProt Gene Name	IFNA21
UniProt Synonym Gene Names	IFN-alpha-21; LeIF F
UniProt Entry Name	IFN21_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.