

Human Interferon Alpha 21 (IFNa21) ELISA Kit | IFNa21 elisa kit

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CATALOG #
AAA65885

REACTIVITY
Human

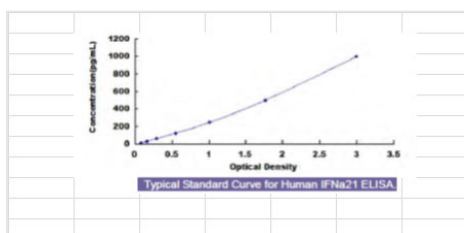
PRODUCT SYNONYMS

Interferon Alpha 21 (IFNa21); Human Interferon Alpha 21 (IFNa21) ELISA Kit; LeIF F; Interferon alpha-F; IFNa21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IFNa21. No significant cross-reactivity or interference between IFNa21 and analogues was observed.
Sequence Length	189
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IFNa21 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IFNa21 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNa21 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IFNa21 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IFNa21. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IFNa21. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IFNa21, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IFNa21 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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
UniProt Protein Name	Interferon alpha-21
UniProt Gene Name	IFNA21
UniProt Synonym Gene Names	IFN-alpha-21; LeIF F

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.