

Interferon Alpha 7 (IFNa7) CLIA Kit | IFNa7 clia kit

CLIA Kit for Interferon Alpha 7 (IFNa7)

CATALOG #
AAA130292

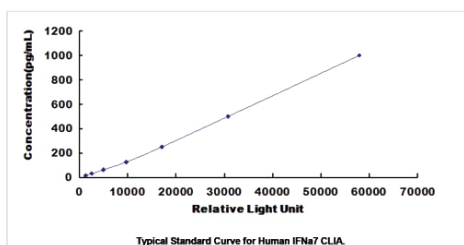
PRODUCT SYNONYMS

Interferon Alpha 7 (IFNa7); CLIA Kit for Interferon Alpha 7 (IFNa7); IFNa7 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Alpha 7 (IFNa7) No significant cross-reactivity or interference between Interferon Alpha 7 (IFNa7) and analogues was observed.
Sequence Length	189
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.372-1000pg/mL The standard curve concentrations used for the ELISA's were 1000pg/mL, 333.33pg/mL, 111.11pg/mL, 37.04pg/mL, 12.346pg/mL, 4.115pg/mL, 1.372pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 5.5pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Alpha 7 (IFNa7) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Alpha 7 (IFNa7) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Homo sapiens (Human)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNa7 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interferon Alpha 7 (IFNa7) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71143135
NCBI GeneID	3444
NCBI Accession #	NP_066401.2
NCBI GenBank Nucleotide #	NM_021057.2
UniProt Accession #	P01567; Q14607; Q5VV14
Molecular Weight	22,107 Da
NCBI Official Full Name	interferon alpha-7
NCBI Official Synonym Full Names	interferon, alpha 7
NCBI Official Symbol	IFNA7
NCBI Official Synonym Symbols	IFNA-J; IFN-alphaJ
NCBI Protein Information	interferon alpha-7; leIF J; IFN-alpha 7; IFN-alpha-7; IFN-alpha-J1; interferon alpha-J; interferon alpha-J1
UniProt Protein Name	Interferon alpha-7
UniProt Gene Name	IFNA7
UniProt Synonym Gene Names	IFN-alpha-7; LeIF J
UniProt Entry Name	IFNA7_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.