

Interferon Alpha 14 (IFNa14) CLIA Kit | IFNa14 clia kit

CLIA Kit for Interferon Alpha 14 (IFNa14)

CATALOG #
AAA130592

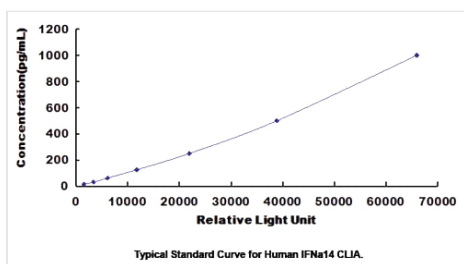
PRODUCT SYNONYMS

Interferon Alpha 14 (IFNa14); CLIA Kit for Interferon Alpha 14 (IFNa14); IFNa14 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Alpha 14 (IFNa14) No significant cross-reactivity or interference between Interferon Alpha 14 (IFNa14) 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 6.9pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Alpha 14 (IFNa14) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Alpha 14 (IFNa14) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 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 IFNa14 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 14 (IFNa14) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170763491
NCBI GeneID	3448
NCBI Accession #	NP_002163.2
NCBI GenBank Nucleotide #	NM_002172.2
UniProt Accession #	P01570; Q5VZ56; Q7M4S1
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; leIF H; IFN-alpha-14; interferon alpha-H; interferon lambda-2-H
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.