Datasheet for ABIN5655568

IFNA21 CLIA Kit

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Overview

Quantity:	96 tests
Target:	IFNA21 (IFNa21)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.62 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.62 pg/mL
Application:	ELISA

Product Details

Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Chemiluminescent
Specificity:	This assay has high sensitivity and excellent specificity for detection of Interferon Alpha 21 (IFNa21). No significant cross-reactivity or interference between Interferon Alpha 21 (IFNa21) and analogues was observed.
Sensitivity:	0.5 pg/mL

Target Details

Target:	IFNA21 (IFNa21)
Alternative Name:	Interferon Alpha 21 (IFNa21 Products)

Target Details

Background:	Gene Name: Interferon Alpha 21 Gene Aliases: LeIF F, Interferon alpha-F
Gene ID:	3452
UniProt:	P01568
Pathways:	JAK-STAT Signaling, Hepatitis C

Application Details

Comment:	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.
Assay Time:	2 - 3 h
Plate:	Pre-coated
Protocol:	The microplate provided in this kit has been pre-coated with an antibody specific to Interferon Alpha 21 (IFNa21). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interferon Alpha 21 (IFNa21). 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 21 (IFNa21) level in the sample or standard.,
Assay Precision:	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Alpha 21 (IFNa21) were tested 20 times on one plate, respectively Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Alpha 21 (IFNa21) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Restrictions:	For Research Use only

Handling

Handling Advice:	Do not allow to contact skin or eyes. Calibrators, controls and specimen samples should be

Handling

	assayed in duplicate. Once the procedure has been started, all steps should be completed without interruption.
Storage:	4 °C,-20 °C
Storage Comment:	-20°C. Bring all reagents to room temperature before beginning test. The kit may be stored at 4°C for immediate use within two days upon arrival. Reseal any unused strips with desiccant pack. Minimize freeze/thaw cycles.
Expiry Date:	4-8 months