

ARG82292 Human IFN alpha 2 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82292 Human IFN alpha 2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IFN alpha 2 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Not react with recombinant Human IFN gamma, IFN beta and IFN omega; And not react with recombinant Mouse/Rat IFN gamma, IFN beta and IFN alpha 2.
Target Name	IFN alpha 2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	3.1 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	6.25 - 400 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	IFNA2B; IFN-alphaA; INFA2; IFN-alpha-2; Interferon alpha-2; IFNA; Interferon alpha-A; LeIF A

Application Instructions

Assay Time ~ 3.5 hours

Properties

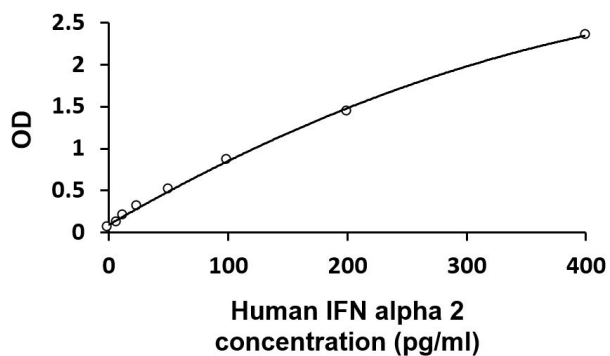
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IFNA2
Gene Full Name	interferon, alpha 2
Background	This gene is a member of the alpha interferon gene cluster on chromosome 9. The encoded protein is a cytokine produced in response to viral infection. Use of the recombinant form of this protein has been shown to be effective in reducing the symptoms and duration of the common cold. [provided by RefSeq, Jun 2011]

Function	Produced by macrophages, IFN-alpha have antiviral activities. [UniProt]
Highlight	Related products: IFN alpha antibodies ; IFN alpha ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Secreted. [UniProt]

Images



ARG82292 Human IFN alpha 2 ELISA Kit standard curve image

ARG82292 Human IFN alpha 2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.