

ARG80156 Human IFN alpha ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80156-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80156-002	Standard (Lyophilized)	3 X 1.4 ng/vial	4°C
ARG80156-003	Standard diluent buffer	20 ml	4°C
ARG80156-004	Antibody conjugate concentrate	400 µl	4°C
ARG80156-005	Antibody diluent buffer	16 ml	4°C
ARG80156-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80156-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80156-008	20X Wash buffer	50 ml	4°C
ARG80156-009	TMB substrate	12ml	4°C (Protect from light)
ARG80156-010	STOP solution	12ml	4°C
ARG80156-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80156 Human IFN alpha ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human IFN alpha in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	IFN alpha
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	5.5 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	11 - 700 pg/ml
Sample Volume	100 µl
Precision	CV: less than 10%

Alternate Names IFNA1; Interferon Alpha 1; IFN-AlphaD; IFN-ALPHA IFNA13; IFNA@; IFL; IFN; Interferon Alpha-1/13; Interferon Alpha 1b; Interferon Alpha-D; IFN-Alpha-1/13; LeIF D; Interferon-Alpha1; IFN-Alpha 1b

Application Instructions

Assay Time 4 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

Database links [GeneID: 3439 Human](#)

[Swiss-port # P01562 Human](#)

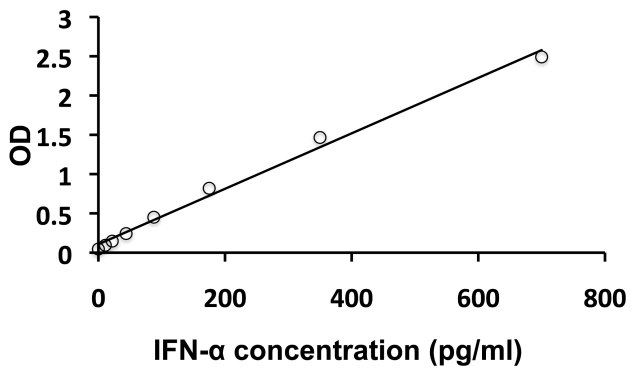
Gene Symbol IFNA1

Gene Full Name interferon, alpha 1

Background The IFN- α proteins are produced by leukocytes. They are mainly involved in innate immune response against viral infection. They come in 13 subtypes that are called IFNA1, IFNA2, IFNA4, IFNA5, IFNA6, IFNA7, IFNA8, IFNA10, IFNA13, IFNA14, IFNA16, IFNA17, IFNA21. These genes for these IFN- α molecules are found together in a cluster on chromosome 9. IFN- α is also made synthetically as medication. The International Nonproprietary Name (INN) for the product is interferon alfa. The recombinant type is interferon alfacon-1. The pegylated types are pegylated interferon alfa-2a and pegylated interferon alfa-2b.

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Research Area Cancer kit; Immune System kit



ARG80156 Human IFN alpha ELISA Kit standard curve image

ARG80156 Human IFN alpha ELISA Kit results of a typical standard run with optical density reading at 450 nm.