

## ARG82282 Mouse IFN alpha ELISA Kit

Package: 96 wells

Store at: 4°C

### Summary

Product Description	ARG82282 Mouse IFN alpha ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IFN alpha in serum and plasma.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	Not react with following mouse recombinant proteins: BMP1, BMP2, BMP4, HGF, IL1 beta, IL1RA, IL2, IL4, IL5, IL6, IL8, IL10, IL12, IL15, MMP2, MMP9, TGF beta 1, TGF beta 2, TGF beta 3, TLR1, TLR2, TLR3, TNF alpha, TNF RI, TNF RII, sIL2R, sIL6R, VEGF.
Target Name	IFN alpha
Conjugation Note	Read at 450 nm.
Sensitivity	9.5 pg/ml
Sample Type	Serum and plasma.
Standard Range	19 - 1200 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6% Inter-Assay CV: 9%
Alternate Names	Interferon alpha-D; IFN-alphaD; Interferon alpha-1/13; IFN-ALPHA; IFNA13; IFN-alpha-1/13; IFL; IFN; IFNA; LeIF D

### Application Instructions

Assay Time	~ 3 hours
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### 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	IFNA1
Gene Full Name	interferon, alpha 1
Background	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted. [provided by RefSeq, Sep 2011]
Function	Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of

two enzymes: a protein kinase and an oligoadenylate synthetase. [UniProt]

#### Highlight

Related products:

[IFN alpha antibodies](#); [IFN alpha ELISA Kits](#);

Related news:

[Exploring Antiviral Immune Response](#)

[circNDUFB2, a circular RNA \(circRNA\), activates anti-tumor immunity](#)

New ELISA data calculation tool:

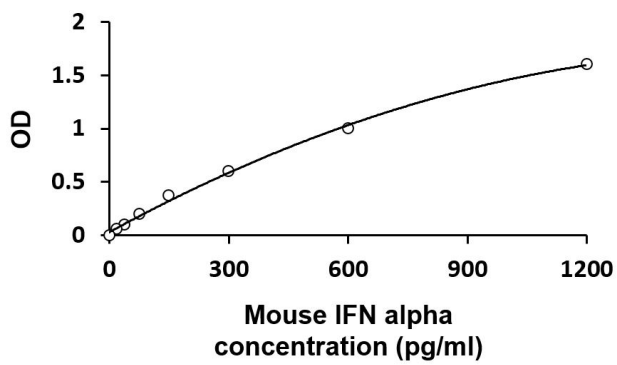
[Simplify the ELISA analysis by GainData](#)

#### Cellular Localization

Secreted. [UniProt]

## Images

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ARG82282 Mouse IFN alpha ELISA Kit standard curve image

ARG82282 Mouse IFN alpha ELISA Kit results of a typical standard run with optical density reading at 450 nm.