

ARG82011 Porcine IFN alpha ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82011 Porcine IFN alpha ELISA Kit is an Enzyme Immunoassay kit for the quantification of Porcine IFN alpha in serum and plasma.
Tested Reactivity	Pig
Tested Application	ELISA
Specificity	The following recombinant porcine proteins were tested and exhibited no cross-reactivity or interference: 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	HRP
Conjugation Note	Read at 450 nm.
Sensitivity	9 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	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; LelF D; Interferon-Alpha1; IFN-Alpha 1b

Application Instructions

Assay Time	~ 3 hours
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Properties

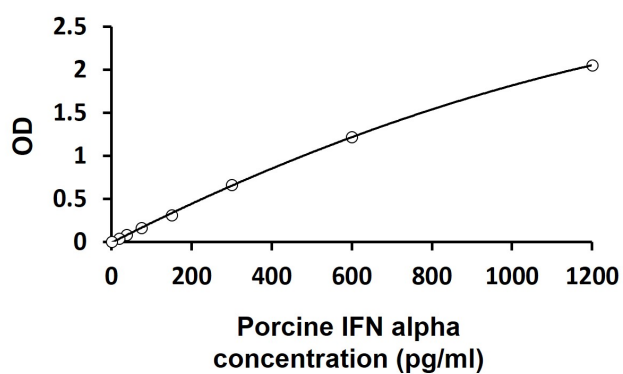
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Images



ARG82011 Porcine IFN alpha ELISA Kit standard curve image

ARG82011 Porcine IFN alpha ELISA Kit results of a typical standard run with optical density reading at 450 nm.