

ARG81161 Pig IFN gamma ELISA Kit

Package: 2x96 wells
Store at: 4°C

Summary

Product Description	ARG81161 Pig IFN-gamma ELISA Kit is an Enzyme Immunoassay kit for the quantification of Pig IFN gamma in serum, plasma and cell culture supernatants.
Tested Reactivity	Pig
Tested Application	ELISA
Target Name	IFN gamma
Conjugation	Biotin
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	234 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	234 - 15000 pg/ml
Sample Volume	100 µl
Alternate Names	IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI

Application Instructions

Assay Time	5 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	IFNG
Gene Full Name	interferon gamma
Background	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015]
Function	Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons. [UniProt]

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PTM

Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.