

ARG80909 Monkey IFN gamma ELISA kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80909 Monkey IFN gamma ELISA kit is a Enzyme Immunoassay kit for the quantification of Monkey IFN gamma in Serum, Plasma, Cell culture supernatants
Tested Reactivity	Mk
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with IL-1,2,3,4,5,6,10,12,TNF, SCF, LIF, GM-CSF, porcine IFN- γ .
Target Name	IFN gamma
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	2 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	3.9 - 250 pg/ml
Sample Volume	100 μ l
Precision	CV: less than10%
Alternate Names	IFN-gamma; Interferon gamma

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

Gene Symbol	IFNG
Gene Full Name	interferon, gamma
Background	IFN gamma is a member of the type II interferon family and produced by lymphocytes activated by specific antigens or mitogens. IFN gamma is a soluble cytokine with antiviral, immunoregulatory and anti-tumor properties and 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. Mutations IFN gamma gene are associated with aplastic anemia. [modified from RefSeq, Nov 2009 and

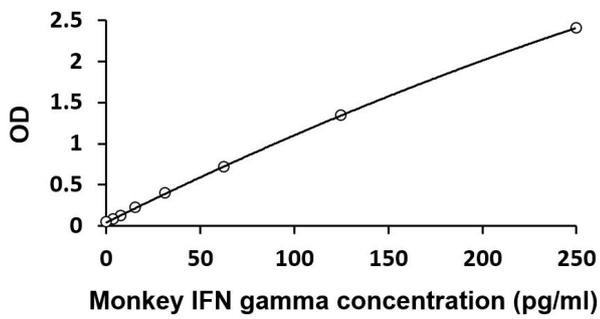
UniProtKB]

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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Research Area Immune System kit

Images



ARG80909 Monkey IFN gamma ELISA kit standard curve image

ARG80909 Monkey IFN gamma ELISA kit results of a typical standard run with optical density reading at 450 nm.