

## ARG83585

## arigoQIK® Mouse IFN gamma ELISA Development Kit

Package: 1 kit(5 plates), 1 kit  
(15 plates)  
Store at: 4°C, -20°C

## Summary

## Product Description

ARG83585 arigoQIK® Mouse IFN gamma ELISA Development Kit, includes Capture antibody, Detection antibody, Standard, and HRP-Streptavidin Solution.

This ELISA Development Kit is designed for the development of sandwich ELISA to measure Mouse IFN gamma in Serum, plasma and cell culture supernatants.

For other reagents required for [arigoQIK® ELISA Development Kit](#), please refer [ARG83524 Integral Reagent Kit \(ELISA Development Kit\)](#)

More about arigoQIK®:

- Optimized capture and detection antibody pairs
- Reduced incubation time and wash cycles
- 2-hour quicker than conventional ELISA process
- 5- and 15-plate packages available

## Tested Reactivity

Ms

## Tested Application

ELISA

## Target Name

IFN gamma

## Conjugation

HRP

## Conjugation Note

Substrate: TMB and read at 450 nm.

## Sensitivity

7.8 pg/ml

## Sample Type

Serum, plasma and cell culture supernatants.

## Standard Range

15.6 - 1000 pg/ml

## Sample Volume

50 µl

## Alternate Names

IFNG; Interferon Gamma; Immune Interferon; IFN-Gamma; IMD69; IFG; IFI

## Properties

## Form

96 well

## Storage instruction

Store components at 4°C or -20°C. 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

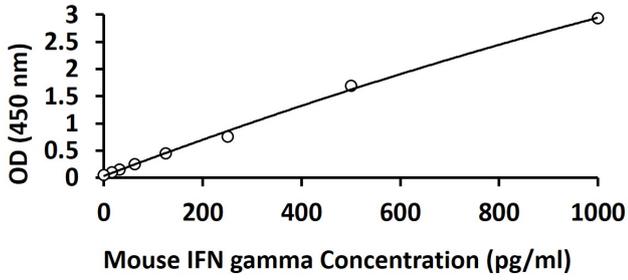
## Background

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	Participates in the regulation of hematopoietic stem cells during development and under homeostatic conditions by affecting their development, quiescence, and differentiation. [UniProt]
PTM	Cleavage on pair of basic residues, Glycoprotein, Pyrrolidone carboxylic acid. [UniProt]
Cellular Localization	Secreted. [UniProt]

## Images

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ARG83585 arigoQIK Mouse IFN gamma ELISA Development Kit standard curve image

ARG83585 arigoQIK Mouse IFN gamma ELISA Development Kit results of a typical standard run with optical density reading at 450 nm.