

ARG83550

arigoQIK® Rat IFN gamma ELISA Development Kit

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

Summary

Product Description

ARG83550 arigoQIK® Rat 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 Rat 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

Rat

Tested Application

ELISA

Target Name

IFN gamma

Conjugation

HRP

Conjugation Note

Substrate: TMB and read at 450 nm.

Sensitivity

9.77 pg/ml

Sample Type

Serum, plasma and cell culture supernatants.

Standard Range

19.53 - 1250pg/ml

Sample Volume

50 µl

Alternate Names

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

Properties

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]

Highlight

Related news:

[arigoQIK, DIY your sandwich ELISA kits;](#)

PTM

Cleavage on pair of basic residues, Glycoprotein, Pyrrolidone carboxylic acid. [UniProt]

Cellular Localization

Secreted. [UniProt]