

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]