

ARG80240 Rat IFN gamma ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80240-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80240-002	Standard (Lyophilized)	3 X 1 ng/vial	4°C
ARG80240-003	Standard diluent buffer	20 ml	4°C
ARG80240-004	Antibody conjugate concentrate	400 µl	4°C
ARG80240-005	Antibody diluent buffer	16 ml	4°C
ARG80240-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80240-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80240-008	20X Wash buffer	50 ml	4°C
ARG80240-009	TMB substrate	12ml	4°C (Protect from light)
ARG80240-010	STOP solution	12ml	4°C
ARG80240-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80240 Rat IFN gamma ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat IFN gamma in serum, plasma and cell culture supernatants.
Tested Reactivity	Rat
Species Does Not React With	Hu, Pig
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human IFN gamma and Porcine IFN gamma
Target Name	IFN gamma
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	1.9 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	3.9 - 250 pg/ml

Sample Volume	100 µl
Precision	CV: less than10%
Alternate Names	IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI

Application Instructions

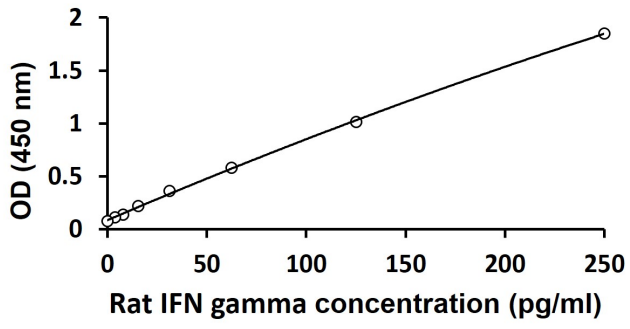
Assay Time	4 hours
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Properties

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 member of the type II interferon family. The protein encoded is a soluble cytokine with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. Mutations in this gene are associated with aplastic anemia.[provided by RefSeq, Nov 2009]
Highlight	Related products: IFN gamma antibodies ; IFN gamma ELISA Kits ; IFN gamma Duos / Panels ; IFN gamma recombinant proteins ; Related news: HMGB1 in inflammation Inflammatory Cytokines New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Cell Biology and Cellular Response kit; Immune System kit; Signaling Transduction kit
PTM	Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.



ARG80240 Rat IFN gamma ELISA Kit standard curve image

ARG80240 Rat IFN gamma ELISA Kit results of a typical standard run with optical density reading at 450 nm.
