



Rabbit Interferon γ , IFN- γ ELISA Kit

Product Code	CSB-E06925Rb
Abbreviation	IFNG
Protein Biological Process 1	Immunity
Target Name	interferon, gamma
Uniprot No.	P30123
Alias	IFG, IFI, IFN-gamma?interferon gamma
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Protein Biological Process 3	Antiviral defense
Sample Types	serum, plasma, tissue homogenates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Immunology
Gene Names	IFNG
Tag Info	quantitative
Protein Description	Sandwich
Description	<p>This Rabbit IFNG ELISA Kit was designed for the quantitative measurement of Rabbit IFNG protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 pg/mL.</p>
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>



Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of rabbit IFN- γ in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	96
	Range %	85-105
1:2	Average %	94
	Range %	85-105
1:4	Average %	96
	Range %	92-100
1:8	Average %	95
	Range %	83-105

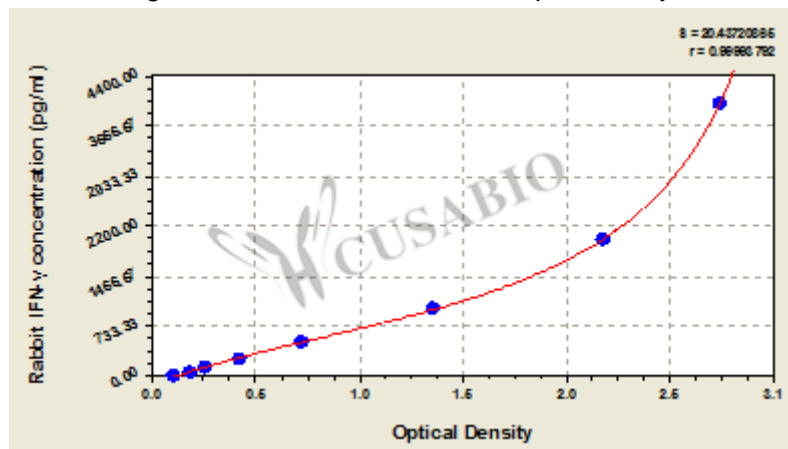
Recovery

The recovery of rabbit IFN- γ spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	95	85-100
EDTA plasma (n=4)	95	85-105

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
4000	2.862	2.713	2.788	2.673
2000	2.214	2.229	2.222	2.107
1000	1.373	1.397	1.385	1.270
500	0.755	0.731	0.743	0.628
250	0.446	0.432	0.439	0.324
125	0.263	0.275	0.269	0.154
62.5	0.202	0.194	0.198	0.083
0	0.117	0.113	0.115	?

Msds

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