



Rabbit Interferon α , IFN- α ELISA Kit

Product Code	CSB-E07329Rb														
Abbreviation	IFNA1														
Target Name	Interferon α , IFN- α														
Alias	IFN-alpha?interferon alpha														
Product Type	ELISA Kit														
Immunogen Species	Oryctolagus cuniculus (Rabbit)														
Sample Types	serum, plasma, tissue homogenates														
Detection Range	6.25 pg/mL-400 pg/mL														
Sensitivity	1.56 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														
Tag Info	quantitative														
Protein Description	Sandwich														
Description	This Rabbit IFNA1 ELISA Kit was designed for the quantitative measurement of Rabbit IFNA1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 pg/mL.														
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	<p>To assess the linearity of the assay, samples were spiked with high concentrations of rabbit IFN-α in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <thead> <tr> <th></th><th>Sample</th><th>Serum(n=4)</th></tr> </thead> <tbody> <tr> <td rowspan="2">1:1</td><td>Average %</td><td>86</td></tr> <tr> <td>Range %</td><td>82-92</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>92</td></tr> <tr> <td>Range %</td><td>88-98</td></tr> </tbody> </table>			Sample	Serum(n=4)	1:1	Average %	86	Range %	82-92	1:2	Average %	92	Range %	88-98
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1:1	Average %	86													
	Range %	82-92													
1:2	Average %	92													
	Range %	88-98													



1:4	Average %	95
	Range %	90-100
1:8	Average %	89
	Range %	86-94

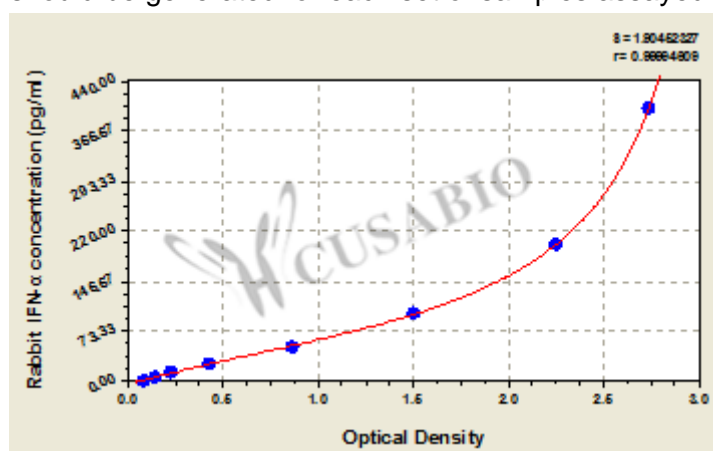
Recovery

The recovery of rabbit IFN- α 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)	84	80-88
EDTA plasma (n=4)	94	88-98

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	
400	2.853	2.681	2.767	2.675
200	2.224	2.331	2.278	2.186
100	1.498	1.541	1.520	1.428
50	0.876	0.887	0.882	0.790
25	0.443	0.432	0.438	0.346
12.5	0.239	0.227	0.233	0.141
6.25	0.150	0.146	0.148	0.056
0	0.092	0.091	0.092	

Msds

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