



Chicken Interferon β , IFN- β /IFNB ELISA Kit

Product Code	CSB-E11237Ch			
Abbreviation	IFN-β/IFNB			
Target Name	Interferon β,IFN-β/IFNB			
Uniprot No.	Q90873			
Alias	IFB-beta,interferon beta			
Product Type	ELISA Kit			
Immunogen Species	Gallus gallus (Chicken)			
Sample Types	serum, plasma, tissue homogenates			
Detection Range	2.5 pg/mL-200 pg/mL			
Sensitivity	3.125 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	IFNB			
Tag Info	quantitative			
Protein Description	Competitive			
Description	This Chicken IFN-β/IFNB ELISA Kit was designed for the quantitative measurement of Chicken IFN-β/IFNB protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 2.5 pg/mL-200 pg/mL and the sensitivity is 3.125 pg/mL.			
Product Precision	Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<15% Three samples of known concentration were tested in twenty assays to assess.			
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of chicken IFN-β in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr></table>	?	Sample	Serum(n=4)
?	Sample	Serum(n=4)		



1:1	Average %	99
	Range %	95-103
1:2	Average %	94
	Range %	88-98
1:4	Average %	102
	Range %	98-106
1:8	Average %	89
	Range %	84-96

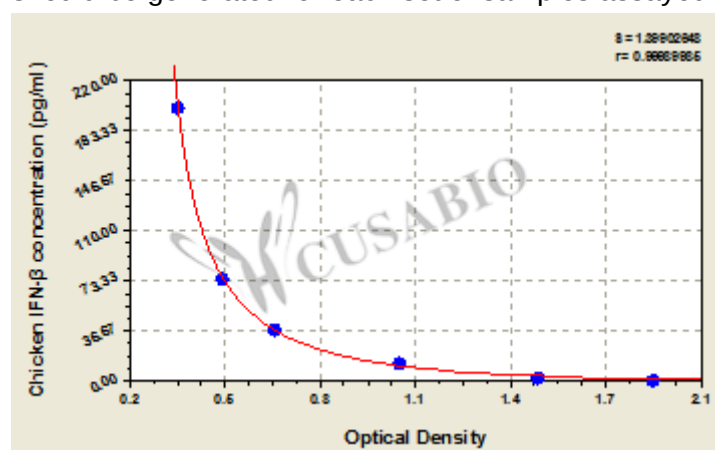
Recovery

The recovery of chicken IFN- β 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)	90	88-94
EDTA plasma (n=4)	88	82-96

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
200	0.342	0.341	0.342
75	0.494	0.486	0.490
37.5	0.652	0.664	0.658
12.5	1.067	1.076	1.072
2.5	1.478	1.575	1.527
0	1.854	1.955	1.905