



Pig Nuclear factor-kappa B,NF-κB ELISA Kit

Product Code	CSB-E13448p										
Abbreviation	NF-κB										
Target Name	Nuclear factor-kappa B,NF-κB										
Alias	NF-kappa B,Nuclear factor-kappa B										
Product Type	ELISA Kit										
Immunogen Species	Sus scrofa (Pig)										
Sample Types	serum, plasma, tissue homogenates, cell lysates										
Detection Range	31.25 pg/mL-2000 pg/mL										
Sensitivity	7.81 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	Epigenetics and Nuclear Signaling										
Gene Names	NFKB1										
Tag Info	quantitative										
Protein Description	Sandwich										
Description	This Pig NF-κB ELISA Kit was designed for the quantitative measurement of Pig NF-κB protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.81 pg/mL.										
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% 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 pig NF-κB 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> <tr> <td>1:1</td><td>Average %</td><td>90</td></tr> <tr> <td></td><td>Range %</td><td>87-95</td></tr> </table>			Sample	Serum(n=4)	1:1	Average %	90		Range %	87-95
	Sample	Serum(n=4)									
1:1	Average %	90									
	Range %	87-95									



1:2	Average %	103
	Range %	99-106
1:4	Average %	93
	Range %	87-98
1:8	Average %	91
	Range %	88-95

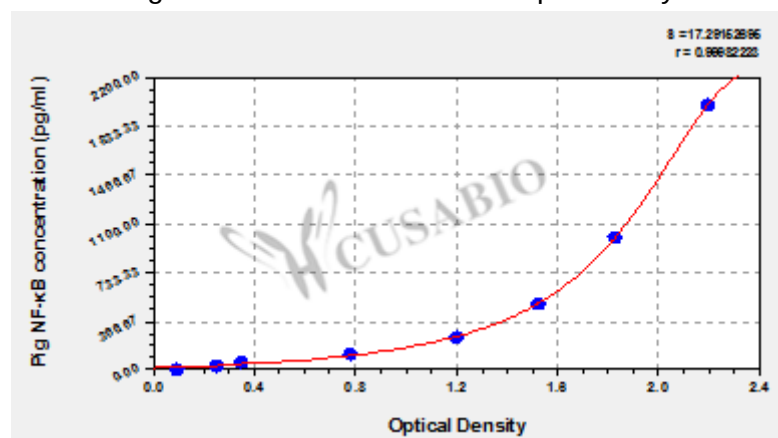
Recovery

The recovery of pig NF- κ B 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)	96	92-102
EDTA plasma (n=4)	90	86-93

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
2000	2.201	2.101	2.151	2.047
1000	1.824	1.761	1.793	1.689
500	1.465	1.530	1.498	1.394
250	1.210	1.156	1.183	1.079
125	0.745	0.799	0.772	0.668
62.5	0.356	0.341	0.349	0.245
31.25	0.248	0.257	0.253	0.149
0	0.102	0.105	0.104	

Msds

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