



Rat nuclear factor- κ B p65,NF- κ B p65 ELISA Kit

Product Code	CSB-E08788r																
Abbreviation	NF κ B p65																
Target Name	nuclear factor- κ B p65,NF- κ B p65																
Alias	NF-Kappa B,nuclear factor-kappa B																
Product Type	ELISA Kit																
Immunogen Species	Rattus norvegicus (Rat)																
Sample Types	serum, plasma, tissue homogenates																
Detection Range	1.56 pg/mL-100 pg/mL																
Sensitivity	0.39 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	Others																
Tag Info	quantitative																
Protein Description	Sandwich																
Description	This Rat NFκB p65 ELISA Kit was designed for the quantitative measurement of Rat NFκB p65 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 1.56 pg/mL-100 pg/mL and the sensitivity is 0.39 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 rat NF-κB p65 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>1:100</td><td>Average %</td><td>89</td></tr> <tr> <td></td><td>Range %</td><td>86-92</td></tr> <tr> <td>1:200</td><td>Average %</td><td>99</td></tr> <tr> <td></td><td>Range %</td><td>97-103</td></tr> </table>		?	Sample	Serum(n=4)	1:100	Average %	89		Range %	86-92	1:200	Average %	99		Range %	97-103
?	Sample	Serum(n=4)															
1:100	Average %	89															
	Range %	86-92															
1:200	Average %	99															
	Range %	97-103															



1:400	Average %	89
	Range %	85-93
1:800	Average %	95
	Range %	91-99

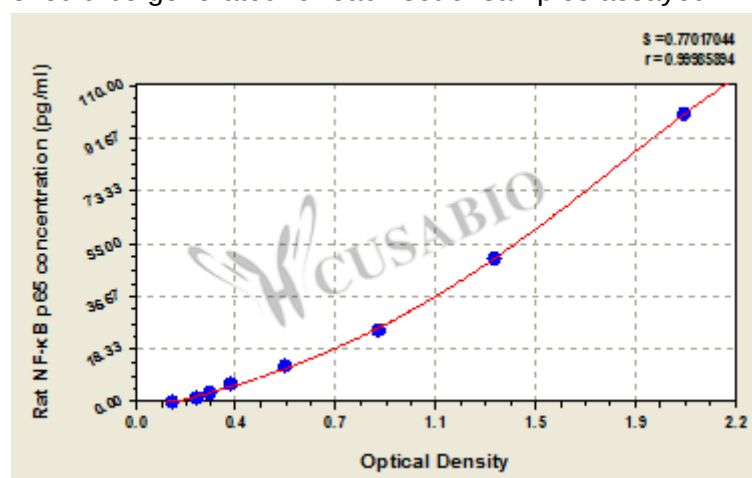
Recovery

The recovery of rat NF- κ B p65 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	91-97
EDTA plasma (n=4)	94	90-98

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
100	2.039	2.022	2.031	1.887
50	1.334	1.326	1.330	1.186
25	0.908	0.902	0.905	0.761
12.5	0.566	0.557	0.562	0.418
6.25	0.358	0.364	0.361	0.217
3.12	0.291	0.281	0.286	0.142
1.56	0.243	0.232	0.238	0.094
0	0.145	0.143	0.144	?

Msds

{"O":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E08788r.pdf","filename":"MSDS"}}