



Rat Sterol regulatory element-binding protein 1C(SREBP-1C) ELISA Kit

Product Code	CSB-E17414r			
Abbreviation	SREBP-1C			
Target Name	Sterol regulatory element-binding protein 1C(SREBP-1C)			
Uniprot No.	P56720			
Product Type	ELISA Kit			
Immunogen Species	Rattus norvegicus (Rat)			
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	Metabolism			
Gene Names	Srebf1			
Tag Info	quantitative			
Protein Description	Sandwich			
Description	This Rat SREBP-1C ELISA Kit was designed for the quantitative measurement of Rat SREBP-1C 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 .			
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 SREBP-1C 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)		



1:5	Average %	90
	Range %	86-96
1:10	Average %	101
	Range %	95-108
1:20	Average %	95
	Range %	90-100
1:40	Average %	92
	Range %	87-96

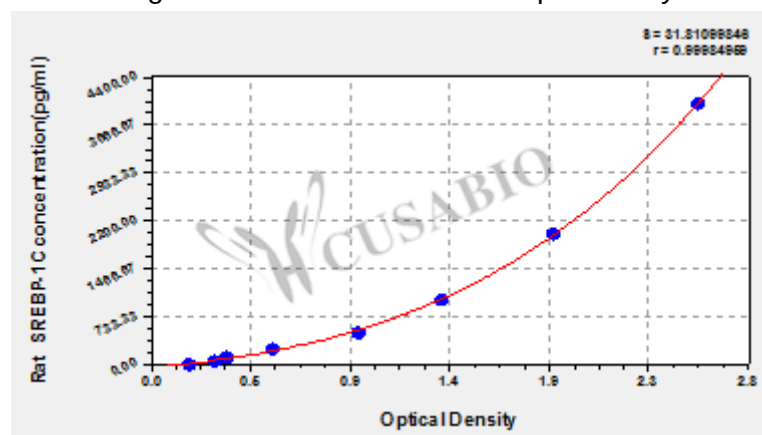
Recovery

The recovery of rat SREBP-1C 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)	93	90-96
EDTA plasma (n=4)	96	90-102

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	2.538	2.569	2.554	2.356
2000	1.898	1.866	1.882	1.684
1000	1.381	1.351	1.366	1.168
500	0.959	0.999	0.979	0.781
250	0.574	0.587	0.581	0.383
125	0.364	0.381	0.373	0.175
62.5	0.304	0.328	0.316	0.118
0	0.196	0.200	0.198	?

Msds

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