



Mouse activated protein C,APC ELISA Kit

Product Code	CSB-E09914m																						
Abbreviation	APC																						
Target Name	activated protein C,APC																						
Alias	N/A																						
Product Type	ELISA Kit																						
Immunogen Species	Mus musculus (Mouse)																						
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	Signal Transduction																						
Tag Info	quantitative																						
Protein Description	Sandwich																						
Description	This Mouse APC ELISA Kit was designed for the quantitative measurement of Mouse APC 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 mouse APC 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></td><td>Average %</td><td>92</td></tr> <tr> <td>1:1</td><td>Range %</td><td>88-96</td></tr> <tr> <td></td><td>Average %</td><td>90</td></tr> <tr> <td>1:2</td><td>Range %</td><td>86-93</td></tr> <tr> <td></td><td>Average %</td><td>94</td></tr> <tr> <td>1:4</td><td>Range %</td><td>90-97</td></tr> </table>		?	Sample	Serum(n=4)		Average %	92	1:1	Range %	88-96		Average %	90	1:2	Range %	86-93		Average %	94	1:4	Range %	90-97
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1:8	Average %	99
	Range %	95-103

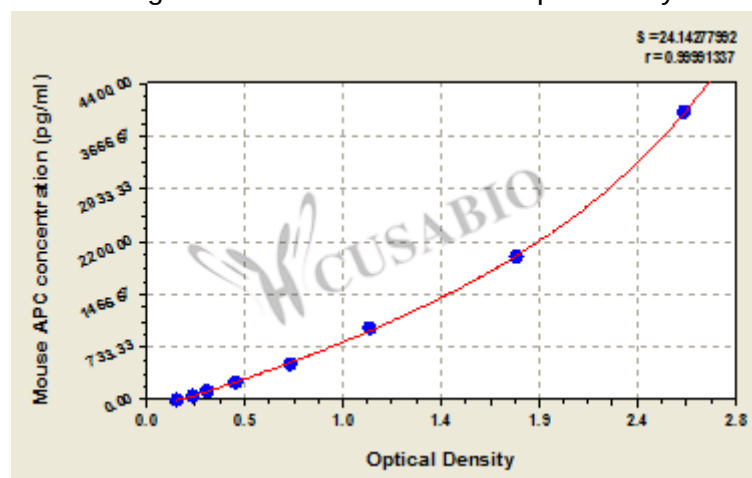
Recovery

The recovery of mouse APC 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)	94	90-97
EDTA plasma (n=4)	95	91-98

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
4000	2.602	2.588	2.595	2.433
2000	1.776	1.802	1.789	1.627
1000	1.093	1.078	1.086	0.924
500	0.715	0.698	0.707	0.545
250	0.457	0.434	0.446	0.284
125	0.304	0.312	0.308	0.146
62.5	0.244	0.232	0.238	0.076
0	0.164	0.160	0.162	?

Msds

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