



Rat Serum amyloid A,SAA ELISA Kit

Product Code	CSB-E08590r																						
Abbreviation	SAA																						
Target Name	Serum amyloid A,SAA																						
Product Type	ELISA Kit																						
Immunogen Species	Rattus norvegicus (Rat)																						
Sample Types	serum, plasma, tissue homogenates																						
Detection Range	78 ng/mL-5000 ng/mL																						
Sensitivity	19.5 ng/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	Cardiovascular																						
Tag Info	quantitative																						
Protein Description	Sandwich																						
Description	<p>This Rat SAA ELISA Kit was designed for the quantitative measurement of Rat SAA protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 78 ng/mL-5000 ng/mL and the sensitivity is 19.5 ng/mL .</p>																						
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>																						
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of rat SAA in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td>1:1</td><td>Average %</td><td>96</td></tr> <tr> <td></td><td>Range %</td><td>93-99</td></tr> <tr> <td>1:2</td><td>Average %</td><td>94</td></tr> <tr> <td></td><td>Range %</td><td>91-97</td></tr> <tr> <td>1:4</td><td>Average %</td><td>100</td></tr> <tr> <td></td><td>Range %</td><td>97-103</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	96		Range %	93-99	1:2	Average %	94		Range %	91-97	1:4	Average %	100		Range %	97-103
?	Sample	Serum(n=4)																					
1:1	Average %	96																					
	Range %	93-99																					
1:2	Average %	94																					
	Range %	91-97																					
1:4	Average %	100																					
	Range %	97-103																					



1:8	Average %	102
	Range %	99-105

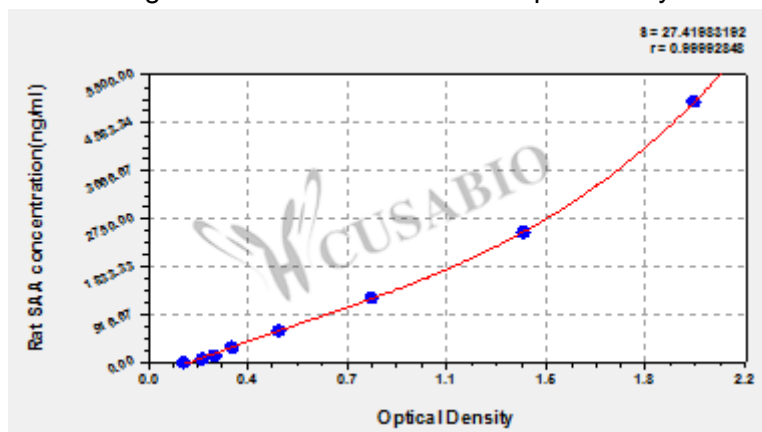
Recovery

The recovery of rat SAA 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)	87	82-91
EDTA plasma (n=4)	98	95-101

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
5000	1.978	1.998	1.988	1.846
2500	1.341	1.398	1.370	1.228
1250	0.813	0.834	0.824	0.682
625	0.476	0.498	0.487	0.345
312.5	0.308	0.328	0.318	0.176
156.25	0.245	0.258	0.252	0.110
78	0.202	0.215	0.209	0.067
0	0.141	0.143	0.142	?

Msds

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