



Rabbit intercellular adhesion molecule 1, ICAM-1/CD54 ELISA Kit

Product Code	CSB-E06974Rb										
Abbreviation	ICAM-1/CD54										
Target Name	intercellular adhesion molecule 1,ICAM-1/CD54										
Uniprot No.	U3KPG6										
Product Type	ELISA Kit										
Immunogen Species	Oryctolagus cuniculus (Rabbit)										
Sample Types	serum, plasma										
Detection Range	0.625 ng/mL-40 ng/mL										
Sensitivity	0.156 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	Immunology										
Tag Info	quantitative										
Protein Description	Sandwich										
Description	This Rabbit ICAM-1/CD54 ELISA Kit was designed for the quantitative measurement of Rabbit ICAM-1/CD54 protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 0.625 ng/mL-40 ng/mL and the sensitivity is 0.156 ng/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 rabbit ICAM-1 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>1:5</td><td>Average %</td><td>94</td></tr><tr><td></td><td>Range %</td><td>91-98</td></tr></table>		?	Sample	Serum(n=4)	1:5	Average %	94		Range %	91-98
?	Sample	Serum(n=4)									
1:5	Average %	94									
	Range %	91-98									



1:10	Average %	99
	Range %	91-106
1:20	Average %	87
	Range %	82-94
1:40	Average %	94
	Range %	86-98

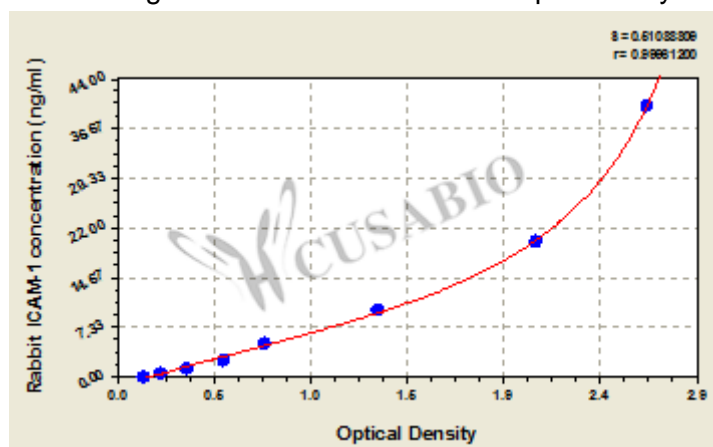
Recovery

The recovery of rabbit ICAM-1 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)	92	87-96
EDTA plasma (n=4)	100	96-106

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
40	2.694	2.594	2.644	2.501
20	2.144	2.044	2.094	1.951
10	1.324	1.284	1.304	1.161
5	0.754	0.734	0.744	0.601
2.5	0.536	0.546	0.541	0.398
1.25	0.351	0.361	0.356	0.213
0.625	0.220	0.230	0.225	0.082
0	0.142	0.143	0.143	?

Msds

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