



Human Complement fragment 3c,C3c ELISA Kit

Product Code	CSB-E11168h																			
Abbreviation	C3c																			
Target Name	Complement fragment 3c,C3c																			
Product Type	ELISA Kit																			
Immunogen Species	Homo sapiens (Human)																			
Sample Types	serum, plasma, cell culture supernates, urine, saliva																			
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 Human C3c ELISA Kit was designed for the quantitative measurement of Human C3c protein in serum, plasma, cell culture supernates, urine, saliva. 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 human C3c 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 rowspan="2">1:5000</td><td>Average %</td><td>88</td></tr> <tr> <td>Range %</td><td>84-92</td></tr> <tr> <td rowspan="2">1:10000</td><td>Average %</td><td>94</td></tr> <tr> <td>Range %</td><td>90-98</td></tr> <tr> <td rowspan="2">1:20000</td><td>Average %</td><td>99</td></tr> <tr> <td>Range %</td><td>95-104</td></tr> </table>		?	Sample	Serum(n=4)	1:5000	Average %	88	Range %	84-92	1:10000	Average %	94	Range %	90-98	1:20000	Average %	99	Range %	95-104
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1:40000	Average %	102
	Range %	96-108

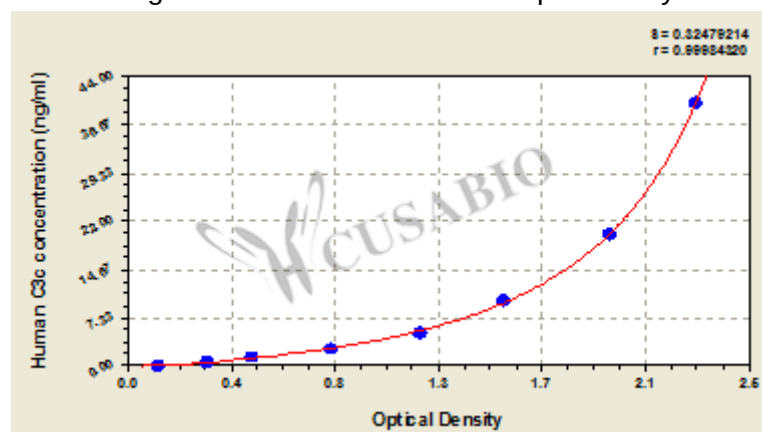
Recovery

The recovery of human C3c 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)	89	93-96
EDTA plasma (n=4)	100	95-105

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	2.266	2.345	2.306	2.174
20	1.946	1.973	1.960	1.828
10	1.510	1.546	1.528	1.396
5	1.185	1.198	1.192	1.060
2.5	0.854	0.814	0.834	0.702
1.25	0.521	0.501	0.511	0.379
0.625	0.335	0.325	0.330	0.198
0	0.131	0.133	0.132	?

Msds

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