



Rabbit Complement 3,C3 ELISA Kit

Product Code	CSB-E08668Rb
Abbreviation	C3
Protein Biological Process 1	Complement
Target Name	complement component 3
Alias	AHUS5, ARMD9, ASP, CPAMD1, acylation-stimulating protein cleavage product complement component C3
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Protein Biological Process 3	Complement alternate pathway
Sample Types	serum, plasma
Detection Range	27.3 ng/mL-7000 ng/mL
Sensitivity	27.3 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	Competitive
Description	This Rabbit Complement 3 (C3) ELISA Kit was designed for the quantitative measurement of Rabbit Complement 3 (C3) protein in serum, plasma. It is a Competitive ELISA kit, its detection range is 27.3 ng/mL-7000 ng/mL and the sensitivity is 27.3 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 C3 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.



	Sample	Serum(n=4)
1:1000	Average %	97
	Range %	91-110
1:2000	Average %	89
	Range %	82-99
1:4000	Average %	95
	Range %	85-99
1:8000	Average %	91
	Range %	87-98

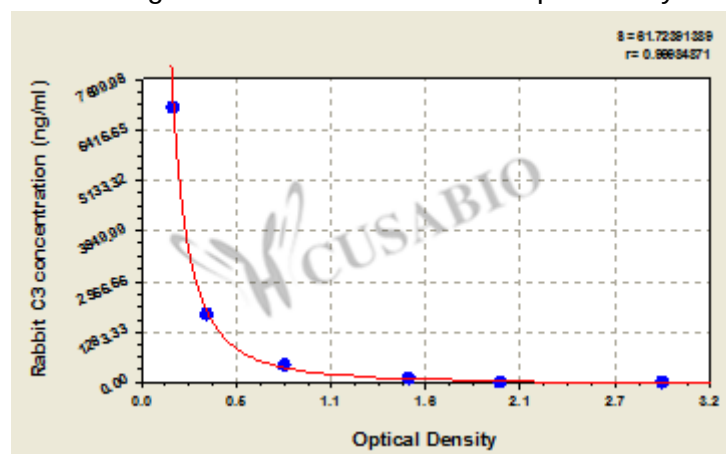
Recovery

The recovery of rabbit C3 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	82-97
EDTA plasma (n=4)	97	87-100

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
7000	0.196	0.189	0.193
1750	0.378	0.372	0.375
437.5	0.812	0.805	0.809
109.4	1.492	1.501	1.497
27.3	2.012	2.003	2.008
0	2.913	2.897	2.905