



Human clusterin,CLU ELISA Kit

Product Code	CSB-E09121h
Abbreviation	CLU
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	clusterin
Uniprot No.	P10909
Alias	AAG4, APOJ, CLI, KUB1, MGC24903, SGP-2, SGP2, SP-40, TRPM-2, TRPM2, aging-associated protein 4 apolipoprotein J clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, cell culture supernates, saliva, urine
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	0.78 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
Gene Names	CLU
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human CLU ELISA Kit was designed for the quantitative measurement of Human CLU protein in serum, plasma, cell culture supernates, saliva, urine. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 ng/mL.
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10%</p>



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 CLU 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 %	90
	Range %	85-96
1:2000	Average %	97
	Range %	91-104
1:4000	Average %	92
	Range %	85-100
1:8000	Average %	93
	Range %	83-99

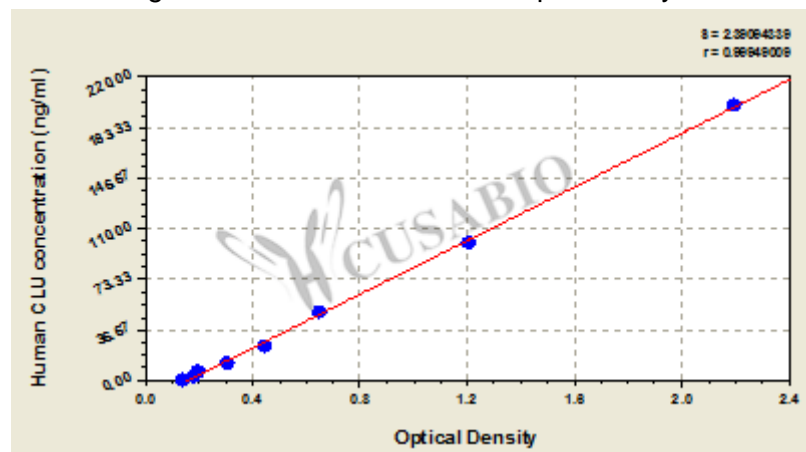
Recovery

The recovery of human CLU 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)	98	92-106
EDTA plasma (n=4)	95	90-99

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
200	2.248	2.205	2.227	2.072
100	1.196	1.266	1.231	1.076
50	0.675	0.663	0.669	0.514
25	0.472	0.453	0.463	0.308
12.5	0.335	0.314	0.325	0.170
6.25	0.221	0.207	0.214	0.059
3.12	0.200	0.194	0.197	0.042
0	0.155	0.154	0.155	?

Msds

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