



Horse Clusterin(CLU) ELISA kit

Product Code	CSB-EL005595HO
Abbreviation	CLU
Target Name	clusterin
Uniprot No.	Q29482
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	Equus caballus (Horse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	15.6 ng/mL-1000 ng/mL
Sensitivity	3.9 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	Competitive
Description	This Horse CLU ELISA Kit was designed for the quantitative measurement of Horse CLU protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 15.6 ng/mL-1000 ng/mL and the sensitivity is 3.9 ng/mL.
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	To assess the linearity of the assay, samples were spiked with high concentrations of horse 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 %	101
	Range %	95-106
1:2000	Average %	90
	Range %	85-94
1:4000	Average %	98
	Range %	92-102
1:8000	Average %	100
	Range %	94-104

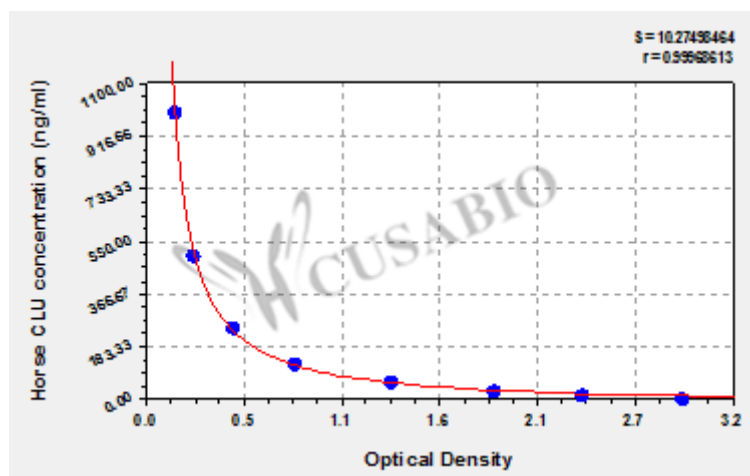
Recovery

The recovery of horse 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)	92	86-96
EDTA plasma (n=4)	102	95-107

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
1000	0.171	0.167	0.169
500	0.277	0.264	0.271
250	0.498	0.473	0.486
125	0.811	0.819	0.815
62.5	1.349	1.330	1.340
31.25	1.906	1.878	1.892
15.6	2.412	2.335	2.374
0	2.950	2.876	2.913