



Rabbit apolipoprotein B100 (Apo-B100) ELISA Kit

Product Code	CSB-E09805Rb
Abbreviation	Apo-B100
Target Name	apolipoprotein B100 (Apo-B100)
Uniprot No.	P17165
Product Type	ELISA Kit
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sample Types	serum, plasma, tissue homogenates
Detection Range	78 ng/mL-5000 ng/mL
Sensitivity	19.5 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	APOB
Tag Info	quantitative
Protein Description	Competitive

Description	This Rabbit Apo-B100 ELISA Kit was designed for the quantitative measurement of Rabbit Apo-B100 protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 78 ng/mL-5000 ng/mL and the sensitivity is 19.5 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 Apo-B100 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)
1:100	Average %	96
	Range %	90-102



1:200	Average %	92
	Range %	87-96
1:400	Average %	104
	Range %	98-108
1:800	Average %	85
	Range %	80-89

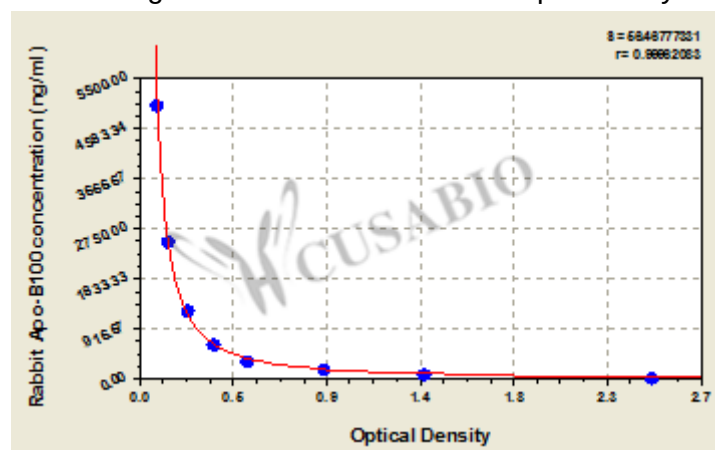
Recovery

The recovery of rabbit Apo-B100 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	93-102
EDTA plasma (n=4)	87	82-92

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
5000	0.092	0.091	0.092
2500	0.146	0.138	0.142
1250	0.246	0.236	0.241
625	0.375	0.360	0.368
312	0.524	0.539	0.532
156	0.934	0.877	0.906
78	1.447	1.334	1.391
0	2.432	2.562	2.497