Dog angiotensin ? (ANG-?) ELISA Kit

Product Code	CSB-E15778c
Abbreviation	ANG-?
Target Name	angiotensin ? (ANG-?)
Alias	angiotension ?, angiotensin 2, ANG2
Product Type	ELISA Kit
Immunogen Species	Canis lupus familiaris (Dog) (Canis familiaris)
Sample Types	serum, plasma
Detection Range	6.25 pg/mL-400 pg/mL
Sensitivity	1.56 pg/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
Tag Info	quantitative
Protein Description	Sandwich
Description	This Dog ANG-? ELISA Kit was designed for the quantitative measurement of Dog ANG-? protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 6.25 pg/mL-400 pg/mL and the sensitivity is 1.56 pg/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 dog ANG-? 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)
1:1	Average %	90
	Range %	86-93
1:2	Average %	98
	Range %	92-104
1:4	Average %	88
	Range %	86-93

	1:8	Average %	89
		Range %	84-96

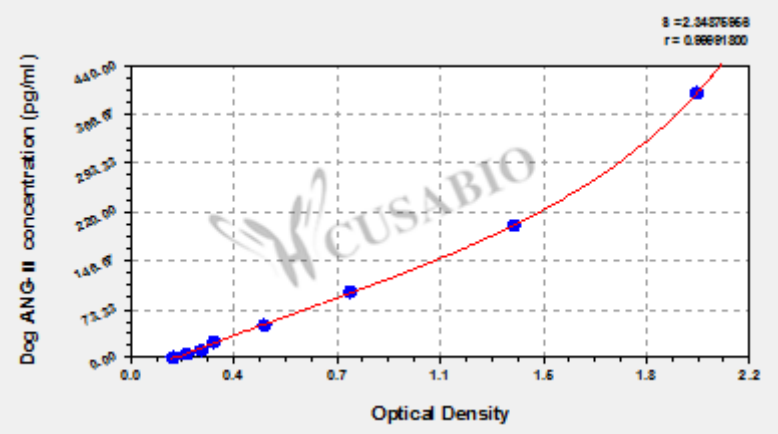
Recovery

The recovery of dog ANG-? 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	88-97
EDTA plasma (n=4)	100	95-102

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
400	1.978	2.030	2.004	1.844
200	1.324	1.395	1.360	1.200
100	0.764	0.810	0.787	0.627
50	0.466	0.501	0.484	0.324
25	0.301	0.310	0.306	0.146
12.5	0.254	0.270	0.262	0.102
6.25	0.204	0.211	0.208	0.048
0	0.158	0.162	0.160	

Msds

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