Goat adiponectin(ADP)ELISA Kit

Product Code	CSB-E15981G
Abbreviation	ADP
Target Name	adiponectin(ADP)
Uniprot No.	U6A087
Product Type	ELISA Kit
Immunogen Species	Capra hircus (Goat)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.312 ng/mL-20 ng/mL
Sensitivity	0.078 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
Tag Info	quantitative
Protein Description	Competitive
Description	This Goat ADP ELISA Kit was designed for the quantitative measurement of Goat ADP protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 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 goat ADP 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 %	95
	Range %	89-100
1:2000	Average %	92
	Range %	87-96

1:4000	Average %	99
	Range %	93-104
1:8000	Average %	104
	Range %	97-109

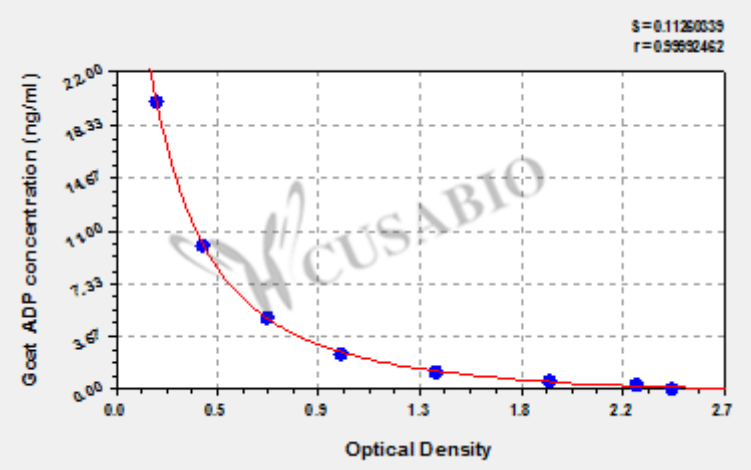
Recovery

The recovery of goat ADP 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	86-97
EDTA plasma (n=4)	94	87-97

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
20	0.192	0.190	0.191
10	0.406	0.383	0.395
5	0.692	0.656	0.674
2.5	1.010	0.974	0.992
1.25	1.426	1.389	1.408
0.625	1.930	1.872	1.901
0.312	2.232	2.315	2.274
0	2.463	2.400	2.432