



# Rat adiponectin,ADP ELISA Kit

Product Code	CSB-E07271r
Abbreviation	ADP
Protein Biological Process 1	Cardiovascular
Target Name	adiponectin,ADP
Uniprot No.	Q8K3R4
Alias	N/A
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.039 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	Sandwich
Description	<p>This Rat ADP ELISA Kit was designed for the quantitative measurement of Rat ADP protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.156 ng/mL-10 ng/mL and the sensitivity is 0.039 ng/mL.</p>

## 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.



	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	1.251	1.229	1.249	1.263	1.254	1.249
SD	0.043	0.055	0.066	0.062	0.057	0.064
CV(%)	4.921	6.350	7.560	7.064	6.515	7.331

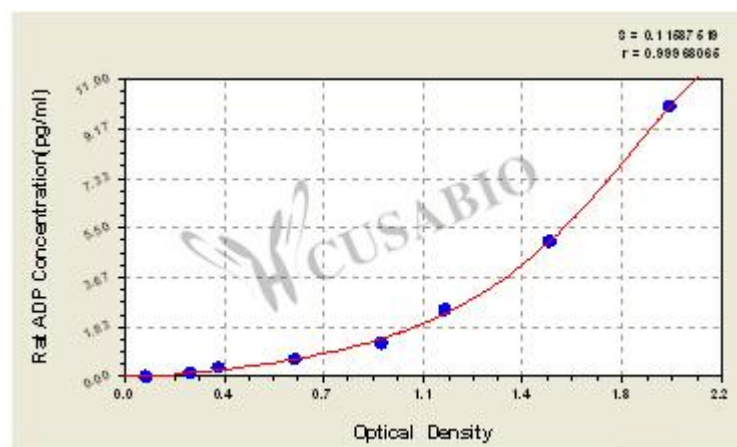
## Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of rat 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)
1:200	Average %	96
	Range %	82-110
1:400	Average %	92
	Range %	87-99
1:800	Average %	94
	Range %	90-102
1:1600	Average %	99
	Range %	90-117

## 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↕
0↕	0.082↕	0.086↕	0.084↕	↕
0.156↕	0.254↕	0.233↕	0.244↕	0.160↕
0.313↕	0.341↕	0.350↕	0.346↕	0.262↕
0.625↕	0.641↕	0.592↕	0.617↕	0.533↕
1.25↕	0.940↕	0.915↕	0.928↕	0.844↕
2.5↕	1.167↕	1.150↕	1.159↕	1.075↕
5↕	1.540↕	1.527↕	1.534↕	1.450↕
10↕	1.990↕	1.935↕	1.963↕	1.879↕

## Msd

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