



Rat omentin ELISA Kit

Product Code	CSB-E09747r
Abbreviation	omentin
Target Name	omentin
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	3.9 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 Rat omentin ELISA Kit was designed for the quantitative measurement of Rat omentin protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 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 rat omentin 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 %	91
	Range %	86-95
1:200	Average %	102
	Range %	97-107
1:400	Average %	91
	Range %	85-97



1:800	Average %	97
	Range %	91-103

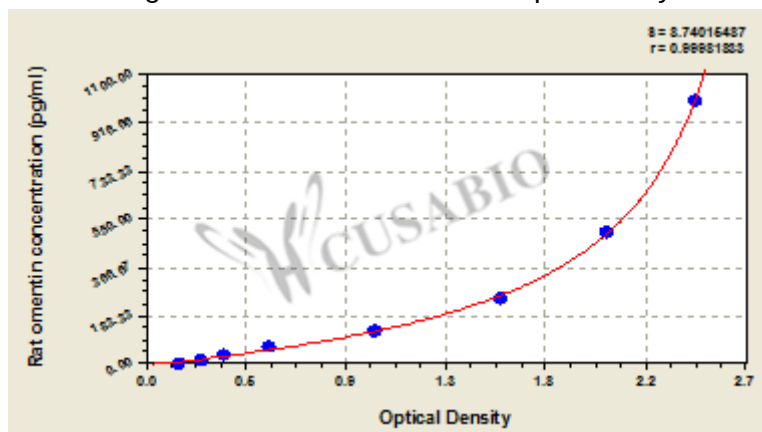
Recovery

The recovery of rat omentin 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)	95	89-98
EDTA plasma (n=4)	97	90-100

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
1000	2.412	2.468	2.440	2.281
500	2.068	2.034	2.051	1.892
250	1.598	1.567	1.583	1.424
125	1.035	1.012	1.024	0.865
62.5	0.568	0.546	0.557	0.398
31.2	0.354	0.361	0.358	0.199
15.6	0.247	0.268	0.258	0.099
0	0.158	0.159	0.159	

Msds

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