



Mouse Resistin ELISA Kit

Product Code	CSB-E06886m
Abbreviation	RETN
Target Name	resistin
Uniprot No.	Q99P87
Alias	ADSF, FIZZ3, MGC126603, MGC126609, RETN1, RSTN, XCP1, C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1 found in inflammatory zone 3
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	41.036 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
Gene Names	Retn
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse RETN ELISA Kit was designed for the quantitative measurement of Mouse RETN protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 41.036 pg/mL.
Target Details	This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes.
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 mouse resistin 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 % 91-103
1:200	Average % 85
	Range % 80-90
1:400	Average % 93
	Range % 89-98
1:800	Average % 100
	Range % 94-105

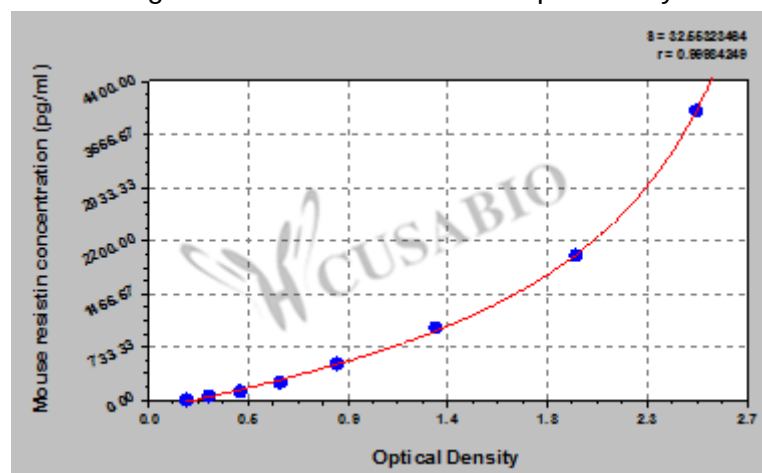
Recovery

The recovery of mouse resistin 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)	91	85-96
EDTA plasma (n=4)	94	90-98

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
4000	2.524	2.485	2.505	2.318
2000	1.917	2.007	1.962	1.775
1000	1.294	1.352	1.323	1.136
500	0.893	0.849	0.871	0.684
250	0.627	0.601	0.614	0.427
125	0.421	0.447	0.434	0.247
62.5	0.297	0.285	0.291	0.104
0	0.190	0.183	0.187	

Msds

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