



# Mouse Lactadherin(MFGE8) ELISA kit

<b>Product Code</b>	CSB-EL013752MO
<b>Abbreviation</b>	MFGE8
<b>Protein Biological Process 1</b>	Angiogenesis
<b>Target Name</b>	milk fat globule-EGF factor 8 protein
<b>Uniprot No.</b>	P21956
<b>Alias</b>	BA46, EDIL1, HsT19888, MFG-E8, OAcGD3S, SED1, SPAG10, hP47, O-acetyl disialoganglioside synthase lactadherin medin sperm associated antigen 10 sperm surface protein hP47
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Protein Biological Process 3</b>	Angiogenesis
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	31.25 pg/mL-2000 pg/mL
<b>Sensitivity</b>	7.8 pg/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Cardiovascular
<b>Gene Names</b>	Mfge8
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich
<b>Description</b>	This Mouse MFGE8 ELISA Kit was designed for the quantitative measurement of Mouse MFGE8 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.8 pg/mL.
<b>Product Precision</b>	<b>Intra-assay Precision (Precision within an assay): CV%&lt;8%</b> Three samples of known concentration were tested twenty times on one plate to assess. <b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b>



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 MFGE8 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)
	Average %	102
1:1	Range %	94-107
	Average %	104
1:2	Range %	98-108
	Average %	101
1:4	Range %	95-106
	Average %	107
1:8	Range %	100-111

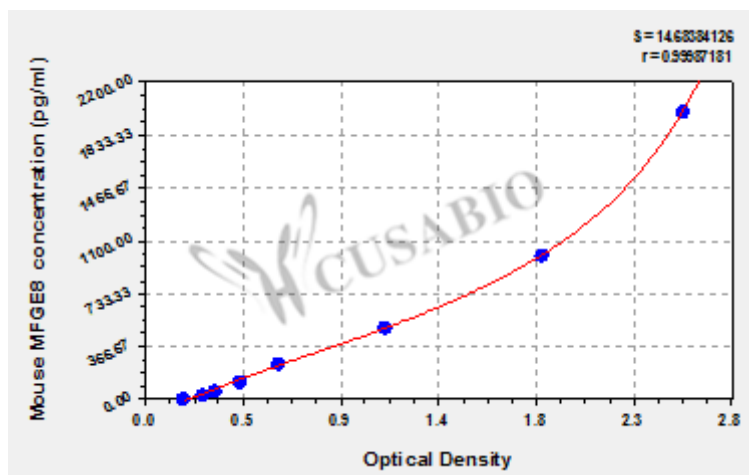
### Recovery

The recovery of mouse MFGE8 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)	99	90-104

### 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
2000	2.573	2.488	2.531	2.335
1000	1.845	1.898	1.872	1.676
500	1.122	1.156	1.139	0.943
250	0.649	0.631	0.640	0.444
125	0.467	0.453	0.460	0.264
62.5	0.344	0.337	0.341	0.145
31.25	0.289	0.282	0.286	0.090
0	0.193	0.199	0.196	?

## Msds

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