



# Mouse Melanoma-derived growth regulatory protein(MIA) ELISA kit

<b>Product Code</b>	CSB-EL013798MO
<b>Abbreviation</b>	MIA
<b>Target Name</b>	melanoma inhibitory activity
<b>Uniprot No.</b>	Q61865
<b>Alias</b>	CD-RAP
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	4.7 pg/mL-300 pg/mL
<b>Sensitivity</b>	1.17 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>	Cancer
<b>Gene Names</b>	Mia
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich

**Description**

This Mouse MIA ELISA Kit was designed for the quantitative measurement of Mouse MIA protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 4.7 pg/mL-300 pg/mL and the sensitivity is 1.17 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 mouse MIA 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)
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1:100	Average %	96
	Range %	82-99
1:200	Average %	101
	Range %	97-105
1:400	Average %	92
	Range %	88-96
1:800	Average %	87
	Range %	85-89

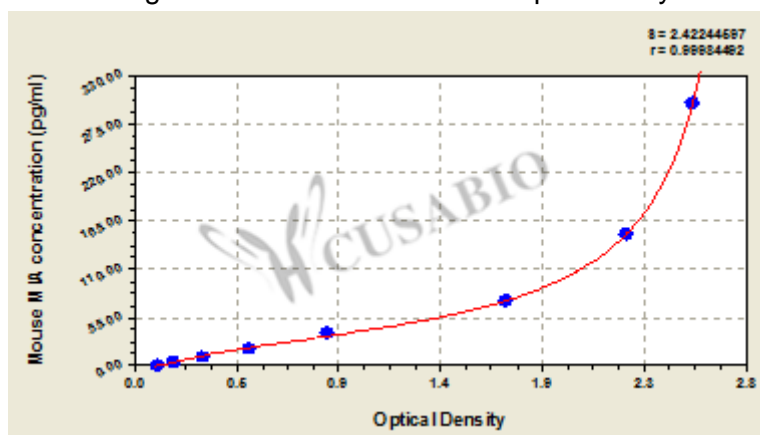
**Recovery**

The recovery of mouse MIA 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)	104	101-107
EDTA plasma (n=4)	96	92-99

**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
300	2.502	2.563	2.533	2.426
150	2.256	2.212	2.234	2.127
75	1.698	1.680	1.689	1.582
37.5	0.859	0.899	0.879	0.772
18.75	0.514	0.536	0.525	0.418
9.4	0.301	0.326	0.314	0.207
4.7	0.192	0.172	0.182	0.075
0	0.107	0.106	0.107	

**Msds**

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