



# Mouse SPARC-like protein 1(SPARCL1) ELISA kit

<b>Product Code</b>	CSB-EL022487MO
<b>Abbreviation</b>	SPARCL1
<b>Target Name</b>	SPARC-like 1 (hevin)
<b>Uniprot No.</b>	P70663
<b>Alias</b>	PIG33, SC1, SPARC-like 1 SPARC-like 1 (mast9, hevin) hevin mast9 proliferation-inducing protein 33
<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>	78 pg/mL-5000 pg/mL
<b>Sensitivity</b>	19.5 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>	Sparcl1
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich

**Description**

This Mouse SPARCL1 ELISA Kit was designed for the quantitative measurement of Mouse SPARCL1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 78 pg/mL-5000 pg/mL and the sensitivity is 19.5 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 SPARCL1 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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1:1	Average %	90
	Range %	86-93
1:2	Average %	95
	Range %	90-101
1:4	Average %	94
	Range %	90-97
1:8	Average %	97
	Range %	95-100

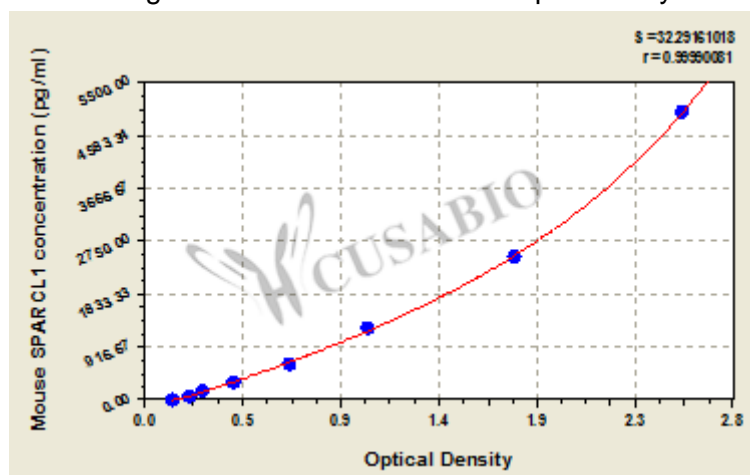
## Recovery

The recovery of mouse SPARCL1 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)	94	90-97
EDTA plasma (n=4)	95	91-98

## 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	
5000	2.588	2.542	2.565	2.416
2500	1.788	1.745	1.767	1.618
1250	1.079	1.066	1.073	0.924
625	0.698	0.701	0.700	0.551
312.5	0.443	0.434	0.439	0.290
156	0.298	0.278	0.288	0.139
78	0.222	0.230	0.226	0.077
0	0.150	0.148	0.149	?

## Msds

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