



Mouse Protein NOV homolog(NOV) ELISA kit

Product Code	CSB-EL015956MO
Abbreviation	NOV
Target Name	nephroblastoma overexpressed gene
Uniprot No.	Q64299
Alias	CCN3, IGFBP9, nephroblastoma overexpressed
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	23.5 pg/mL-1500 pg/mL
Sensitivity	5.85 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	Others
Gene Names	Nov
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse NOV ELISA Kit was designed for the quantitative measurement of Mouse NOV protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 23.5 pg/mL-1500 pg/mL and the sensitivity is 5.85 pg/mL.
Target Details	This protein is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. CNN family proteins associate with the extracellular matrix and play an important role in cardiovascular and skeletal development, fibrosis and cancer development.
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.</p>



Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of mouse NOV 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 %	87
1:1000	Range %	82-91
	Average %	96
1:2000	Range %	92-100
	Average %	91
1:4000	Range %	86-95
	Average %	104
1:8000	Range %	100-112

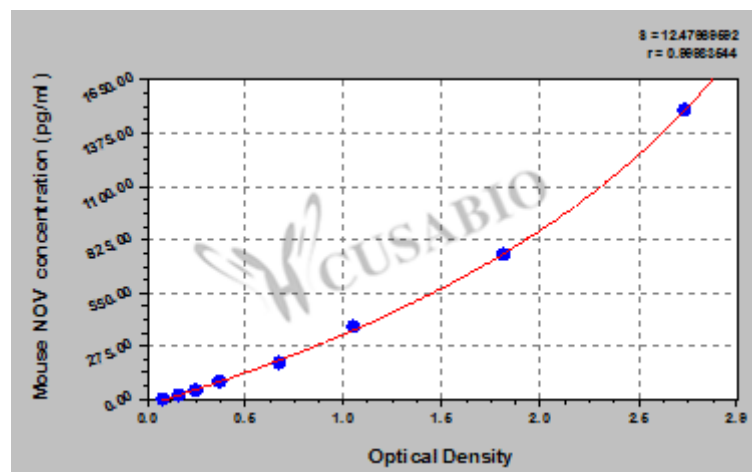
Recovery

The recovery of mouse NOV 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	88-96
EDTA plasma (n=4)	84	80-88

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
1500	2.737	2.623	2.680	2.590
750	1.841	1.715	1.778	1.688
375	1.060	1.004	1.032	0.942
187.5	0.683	0.650	0.667	0.577
94	0.363	0.371	0.367	0.277
47	0.244	0.259	0.252	0.162
23.5	0.171	0.162	0.167	0.077
0	0.093	0.087	0.090	?

Msds

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