



# Human Ninjurin-1 (NINJ1) ELISA kit

<b>Product Code</b>	CSB-EL015808HU
<b>Abbreviation</b>	NINJ1
<b>Protein Biological Process 1</b>	Cell Adhesion
<b>Target Name</b>	ninjurin 1
<b>Uniprot No.</b>	Q92982
<b>Alias</b>	NIN1, NINJURIN, nerve injury-induced protein-1
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Protein Biological Process 3</b>	Cell adhesion
<b>Sample Types</b>	serum, plasma, tissue homogenates, cell lysates
<b>Detection Range</b>	25 pg/mL-1600 pg/mL
<b>Sensitivity</b>	6.25 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>	Neuroscience
<b>Gene Names</b>	NINJ1
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich
<b>Description</b>	This Human NINJ1 ELISA Kit was designed for the quantitative measurement of Human NINJ1 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 25 pg/mL-1600 pg/mL and the sensitivity is 6.25 pg/mL.
<b>Product Precision</b>	<p><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.</p> <p><b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b> 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 human NINJ1 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)
1:1	Average %	105
	Range %	94-109
1:2	Average %	98
	Range %	90-102
1:4	Average %	88
	Range %	81-91
1:8	Average %	107
	Range %	98-111

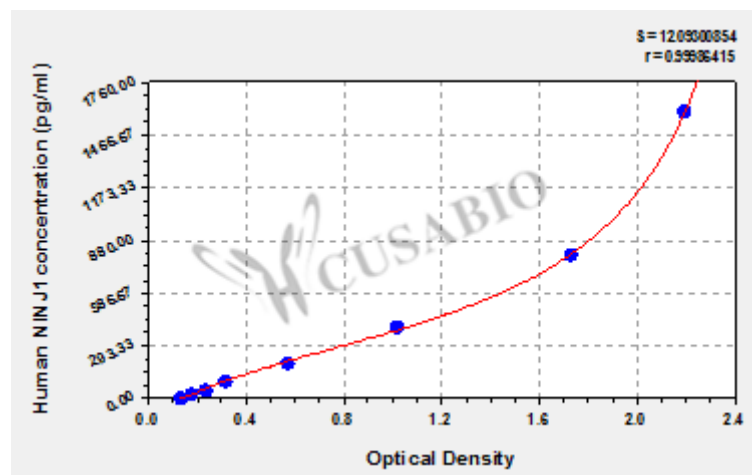
## Recovery

The recovery of human NINJ1 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	90-98
EDTA plasma (n=4)	104	94-107

## 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
1600	2.165	2.243	2.204	2.060
800	1.718	1.765	1.742	1.598
400	1.042	1.018	1.030	0.886
200	0.587	0.579	0.583	0.439
100	0.328	0.334	0.331	0.187
50	0.242	0.255	0.249	0.105
25	0.186	0.194	0.190	0.046
0	0.146	0.142	0.144	?

## Msds

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