



Human Neogenin(NEO1) ELISA kit

Product Code	CSB-EL015712HU
Abbreviation	NEO1
Protein Biological Process 1	Cell Adhesion
Target Name	neogenin homolog 1 (chicken)
Uniprot No.	Q92859
Alias	DKFZp547A066, DKFZp547B146, HsT17534, IGDC2, NGN, immunoglobulin superfamily, DCC subclass, member 2 neogenin homolog 1
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Cell adhesion
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	78 pg/mL-5000 pg/mL
Sensitivity	19.5 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	Neuroscience
Gene Names	NEO1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human NEO1 ELISA Kit was designed for the quantitative measurement of Human NEO1 protein in serum, plasma, tissue homogenates, cell lysates. 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 human NEO1 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 %	99
	Range %	94-104
1:2	Average %	89
	Range %	83-97
1:4	Average %	92
	Range %	87-97
1:8	Average %	111
	Range %	106-114

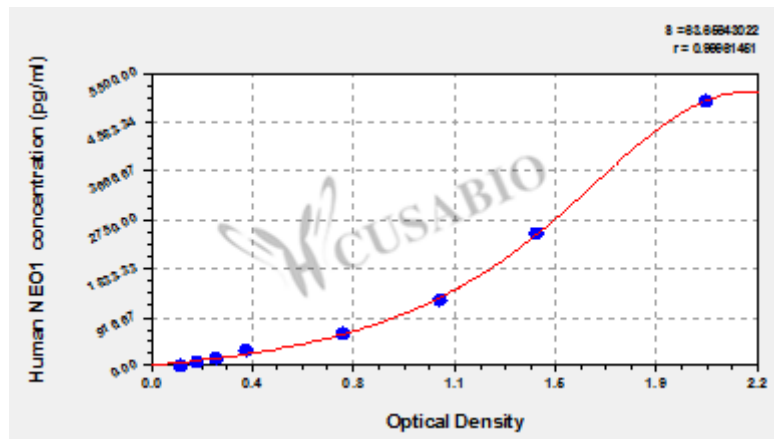
Recovery

The recovery of human NEO1 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	87-99
EDTA plasma (n=4)	105	103-111

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



V	pg/ml	OD1	OD2	Average	Corrected
	5000	2.084	2.020	2.052	1.933
	2500	1.403	1.454	1.429	1.310
	1250	1.051	1.098	1.075	0.956
	625	0.712	0.721	0.717	0.598
	312	0.358	0.365	0.362	0.243
	156	0.245	0.254	0.250	0.131
	78	0.177	0.178	0.178	0.059
	0	0.115	0.122	0.119	?

**Msd**

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