



Human neuromedin U (NMU) ELISA kit

Product Code	CSB-EL015902HU
Abbreviation	NMU
Target Name	neuromedin U
Uniprot No.	P48645
Alias	N/A
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cerebrospinal fluid (CSF), tissue homogenates
Detection Range	0.312 ng/mL-20 ng/mL
Sensitivity	0.078 ng/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	NMU
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human NMU ELISA Kit was designed for the quantitative measurement of Human NMU protein in serum, plasma, cerebrospinal fluid (CSF), tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.078 ng/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 NMU 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 %	92
	Range %	84-98



1:2	Average %	92
	Range %	86-98
1:4	Average %	94
	Range %	84-98
1:8	Average %	94
	Range %	88-98

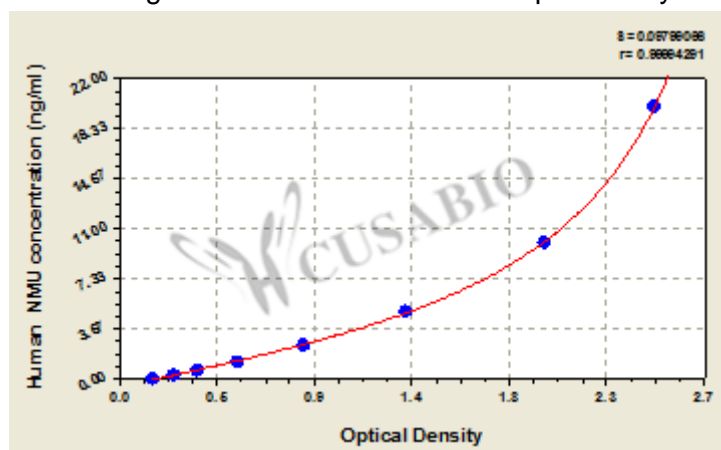
Recovery

The recovery of Human NMU 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)	98	92-102
EDTA plasma (n=4)	88	84-94

Typical

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



ng/ml	OD1	OD2	Average	Corrected
20	2.585	2.387	2.486	2.314
10	2.058	1.896	1.977	1.805
5	1.375	1.304	1.340	1.168
2.5	0.852	0.879	0.866	0.694
1.25	0.574	0.552	0.563	0.391
0.625	0.369	0.384	0.377	0.205
0.312	0.271	0.265	0.268	0.096
0	0.172	0.171	0.172	

Msds

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