



Human Lipocalin-15(LCN15) ELISA kit

Product Code	CSB-EL012813HU
Abbreviation	LCN15
Target Name	lipocalin 15
Uniprot No.	Q6UWW0
Alias	RP11-216L13.5, PRO6093, UNQ2541, MSFL2541
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	18.75 pg/mL-1200 pg/mL
Sensitivity	4.68 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	Signal Transduction
Gene Names	LCN15
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human LCN15 ELISA Kit was designed for the quantitative measurement of Human LCN15 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 18.75 pg/mL-1200 pg/mL and the sensitivity is 4.68 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 LCN15 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 %	92
	Range %	88-96
1:2	Average %	90
	Range %	86-97
1:4	Average %	96
	Range %	90-102
1:8	Average %	94
	Range %	91-98

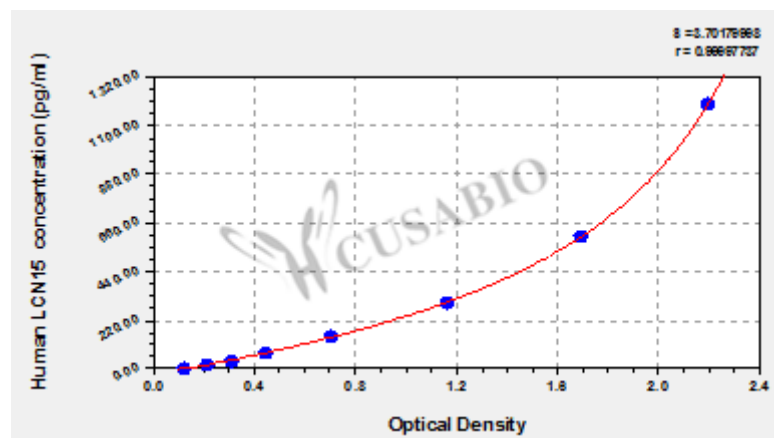
Recovery

The recovery of human LCN15 piked 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)	95	89-99
EDTA plasma (n=4)	87	85-96

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
1200	2.083	2.252	2.168	2.038
600	1.648	1.699	1.674	1.544
300	1.144	1.165	1.155	1.025
150	0.692	0.721	0.707	0.577
75	0.446	0.457	0.452	0.322
37.5	0.308	0.326	0.317	0.187
18.75	0.215	0.225	0.220	0.090
0	0.129	0.131	0.130	?

Msds

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