



Human Angiotensin 1-7(Ang1-7)ELISA Kit

Product Code	CSB-E14242h
Abbreviation	Ang1-7
Target Name	Angiotensin 1-7(Ang1-7
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cell culture supernates
Detection Range	7.8 pg/mL-500 pg/mL
Sensitivity	1.95 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	Cardiovascular
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human Ang1-7 ELISA Kit was designed for the quantitative measurement of Human Ang1-7 protein in serum, plasma, cell culture supernates. It is a Sandwich ELISA kit, its detection range is 7.8 pg/mL-500 pg/mL and the sensitivity is 1.95 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 Ang1-7 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 %	80-105
1:2	Average %	96
	Range %	85-109
1:4	Average %	105
	Range %	92-114



1:8	Average %	95
	Range %	82-110

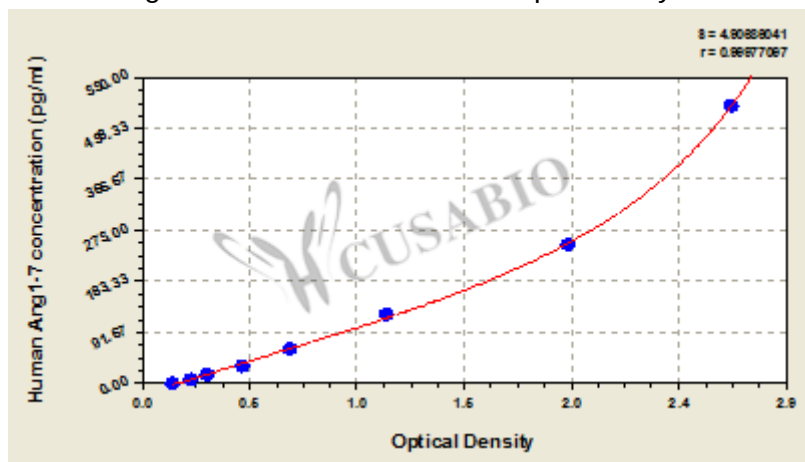
Recovery

The recovery of human Ang1-7 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)	90	82-110
EDTA plasma (n=4)	99	90-108

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
500	2.667	2.684	2.676	2.525
250	1.934	1.939	1.937	1.786
125	1.123	1.119	1.121	0.970
62.5	0.690	0.674	0.682	0.531
31.2	0.462	0.471	0.467	0.316
15.6	0.316	0.306	0.311	0.160
7.8	0.236	0.225	0.231	0.080
0	0.152	0.150	0.151	?

Msds

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