



Human Angiotensin ? Receptor 2 antibody,AT2R-Ab ELISA Kit

Product Code	CSB-E11255h
Abbreviation	AT2R Ab
Target Name	Angiotensin ? Receptor 2 antibody,AT2R-Ab
Alias	angiotensin 2 receptor 2 antibody, AT2R-Ab
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma
Detection Range	0.312 U/mL-20 U/mL
Sensitivity	0.078 U/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 AT2R Ab ELISA Kit was designed for the quantitative measurement of Human AT2R Ab protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 0.312 U/mL-20 U/mL and the sensitivity is 0.078 U/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 AT2R-Ab 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 %	95
	Range %	82-105



1:2	Average %	94
	Range %	84-100
1:4	Average %	98
	Range %	92-101
1:8	Average %	94
	Range %	82-105

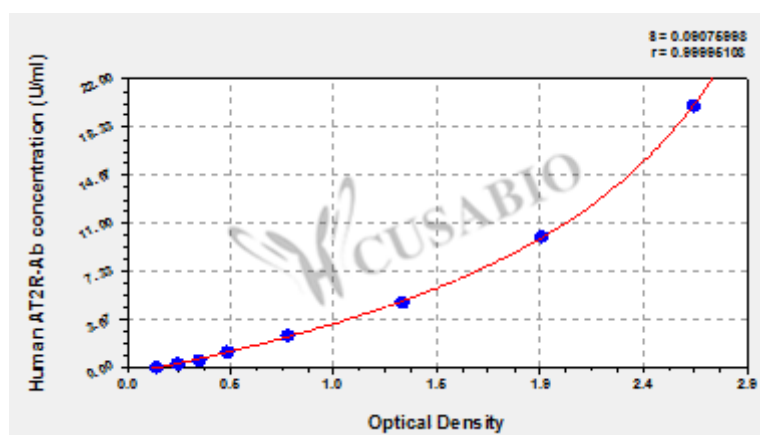
Recovery

The recovery of human AT2R-Ab 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)	95	83-105
EDTA plasma (n=4)	95	85-103

Typical

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



U/ml	OD1	OD2	Average	Corrected
20	2.635	2.659	2.647	2.501
10	1.963	1.927	1.945	1.799
5	1.296	1.287	1.292	1.146
2.5	0.771	0.748	0.760	0.614
1.25	0.468	0.492	0.480	0.334
0.625	0.346	0.351	0.349	0.203
0.312	0.255	0.246	0.251	0.105
0	0.147	0.145	0.146	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E11255h.pdf","filename":"MSDS"}}}