



Mouse Angiopoietin-related protein 6(ANGPTL6) ELISA kit

Product Code	CSB-EL001714MO
Abbreviation	ANGPTL6
Protein Biological Process 1	Angiogenesis
Target Name	angiopoietin-like 6
Uniprot No.	Q8R0Z6
Alias	AGF, ARP5, angiopoietin-related protein 5
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Angiogenesis
Sample Types	serum, plasma, tissue homogenates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 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
Gene Names	Angptl6
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse ANGPTL6 ELISA Kit was designed for the quantitative measurement of Mouse ANGPTL6 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 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 mouse ANGPTL6 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)
	Average %	89
1:100	Range %	82-96
	Average %	98
1:200	Range %	93-102
	Average %	99
1:400	Range %	95-107
	Average %	91
1:800	Range %	87-95

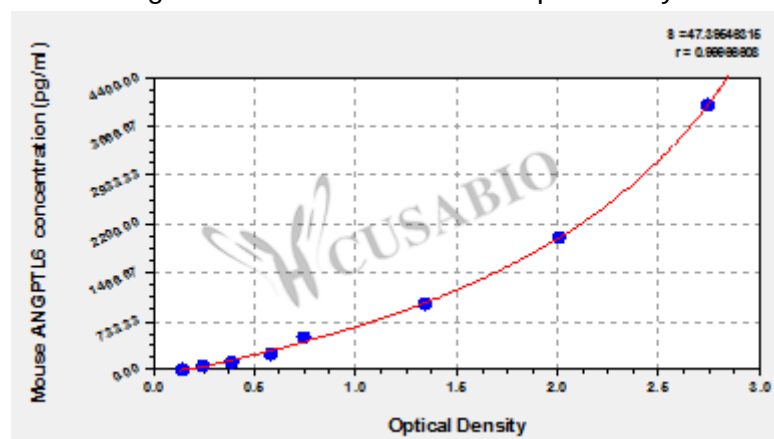
Recovery

The recovery of mouse ANGPTL6 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)	91	84-95
EDTA plasma (n=4)	99	96-105

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
4000	2.616	2.793	2.705	2.546
2000	1.927	2.036	1.982	1.823
1000	1.287	1.388	1.338	1.179
500	0.769	0.729	0.749	0.590
250	0.577	0.604	0.591	0.432
125	0.394	0.401	0.398	0.239
62.5	0.247	0.267	0.257	0.098
0	0.164	0.154	0.159	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EL001714MO.pdf","filename":"MSDS"}}