

for research use only

Catalog Number: AAA16152

Mouse Carnitine palmitoyltransferase I ELISA Kit

Competitive ELISA

samples:tissue homogenate(undiluted)

Raw data

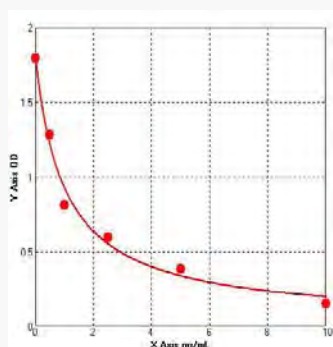
A	0.044	0.524	-----	-----	-----	-----	-----	-----
B	1.793	0.659	-----	-----	-----	-----	-----	-----
C	1.284	0.674	-----	-----	-----	-----	-----	-----
D	0.809	0.744	-----	-----	-----	-----	-----	-----
E	0.595	-----	-----	-----	-----	-----	-----	-----
F	0.386	-----	-----	-----	-----	-----	-----	-----
G	0.153	-----	-----	-----	-----	-----	-----	-----
H	0.045	-----	-----	-----	-----	-----	-----	-----

Elisa Distribution

A	blank	spl1	-----	-----	-----	-----	-----	-----
B	0	spl2	-----	-----	-----	-----	-----	-----
C	0.5	spl3	-----	-----	-----	-----	-----	-----
D	1	spl4	-----	-----	-----	-----	-----	-----
E	2.5	-----	-----	-----	-----	-----	-----	-----
F	5	-----	-----	-----	-----	-----	-----	-----
G	10	-----	-----	-----	-----	-----	-----	-----
H	blank	-----	-----	-----	-----	-----	-----	-----

Data processing

	Con ng/ml	OD
A	0	1.793
B	0.5	1.284
C	1	0.809
D	2.5	0.595
E	5	0.386
F	10	0.153



Four parameter logistic curve regression

Formula: $y = (A - D) / [1 + (x/C)^B] + D$

A = 1.80097
 B = 0.96959
 C = 1.03315
 D = 0.01921
 $r^2 = 0.98645$

	Con ng/ml	OD
spl1	2.69078	0.524
spl2	1.877911	0.659
spl3	1.808724	0.674
spl4	1.524598	0.744