

for research use only

Human Acid ceramidase (ASAH1) ELISA Kit

Competitive ELISA

samples:serum(undiluted)

AAA27265

Raw data

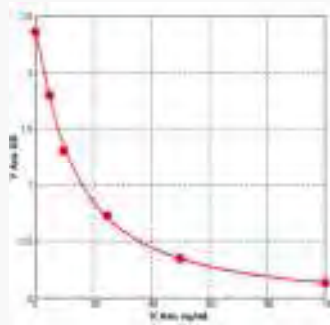
A	0.039	0.043	-----	-----	-----	-----	-----	-----	-----
B	2.351	1.569	-----	-----	-----	-----	-----	-----	-----
C	1.793	1.024	-----	-----	-----	-----	-----	-----	-----
D	1.306	1.287	-----	-----	-----	-----	-----	-----	-----
E	0.721	1.385	-----	-----	-----	-----	-----	-----	-----
F	0.342	0.041	-----	-----	-----	-----	-----	-----	-----
G	0.131	0.04	-----	-----	-----	-----	-----	-----	-----
H	0.037	0.04	-----	-----	-----	-----	-----	-----	-----

Elisa Distribution

A	blank	blank	-----	-----	-----	-----	-----	-----	-----
B	0	spl1	-----	-----	-----	-----	-----	-----	-----
C	5	spl2	-----	-----	-----	-----	-----	-----	-----
D	10	spl3	-----	-----	-----	-----	-----	-----	-----
E	25	spl4	-----	-----	-----	-----	-----	-----	-----
F	50	blank	-----	-----	-----	-----	-----	-----	-----
G	100	blank	-----	-----	-----	-----	-----	-----	-----
H	blank	blank	-----	-----	-----	-----	-----	-----	-----

Data processing

	Con ng/ml	OD
A	0	2.351
B	5	1.793
C	10	1.306
D	25	0.721
E	50	0.342
F	100	0.131



Four parameter logistic curve regression

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

A = 2.35481

B = 1.19189

C = 13.06744

D = - 0.06212

r² = 0.99950

	Con ng/ml	OD
spl1	7.080874	1.569
spl2	15.496095	1.024
spl3	10.739516	1.287
spl4	9.340231	1.385