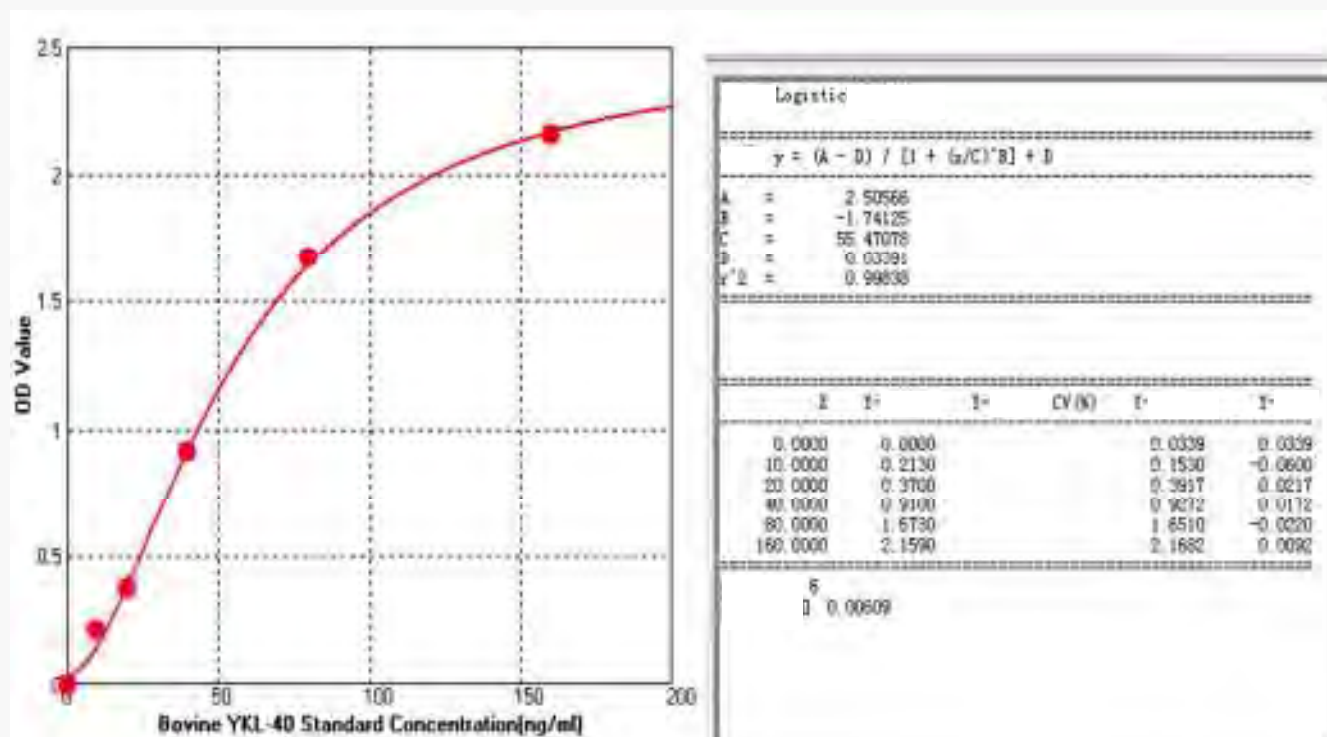


AAA11315

, Bovine Chitinase-3-like Protein 1 (YKL-40/CHI3L1) ELISA Kit

Standard Curve

Concentration(ng/ml)	OD1	OD2	Average	Corrected
160	2.211	2.233	2.222	2.159
80	1.705	1.767	1.736	1.673
40	0.961	0.986	0.973	0.910
20	0.437	0.429	0.433	0.370
10	0.281	0.271	0.276	0.213
0	0.063	0.063	0.063	0.000



for research use only

Sample Form

	1	2	3	4	5	6	7	8	9	10	11	12
A	S0	S1	S2	S3	S4	S5	BS1	BS1	BS1	BS1	BS1	BS1
B	S0	S1	S2	S3	S4	S5	BS1	BS1	BS1	BS1	BS1	BS1
C	BS1	BS1	BS1	BS1	BS1	BS1	BP1	BP1	BP1	BP1	BP1	BP1
D	BP1	BP1	BP1	BP1	BP1	BP1	BP1	BP1	BP1	BP1	BP1	BP1

BS1 means Serum Samples from bovine

BP1 means Tissue Samples from bovine

OD Form

	1	2	3	4	5	6	7	8	9	10	11	12
A	0.063	0.281	0.437	0.961	1.705	2.211	0.535	0.519	0.531	0.537	0.639	0.618
B	0.063	0.271	0.429	0.986	1.767	2.233	0.556	0.556	0.555	0.505	0.516	0.528
C	0.570	0.520	0.526	0.511	0.528	0.617	0.706	0.752	0.742	0.772	0.732	0.730
D	0.747	0.724	0.725	0.778	0.779	0.758	0.735	0.762	0.715	0.744	0.758	0.739

Sample data Concentration(ng/ml)

	1	2	3	4	5	6	7	8	9	10	11	12
A							25.266	24.684	25.120	25.338	29.046	28.281
B							26.028	26.028	25.992	24.175	24.575	25.011
C	26.536	24.721	24.939	24.393	25.011	28.244	31.507	33.218	32.844	33.969	32.471	32.397
D	33.031	32.174	32.211	34.195	34.233	33.443	32.583	33.593	31.840	32.919	33.443	32.732

29.046

34.233

24.175

31.507

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Precision Analysis	OD Value	BS1(ng/ml)	OD Value	BP1(ng/ml)
	0.535	25.266	0.706	31.507
	0.519	24.684	0.752	33.218
	0.531	25.120	0.742	32.844
	0.537	25.338	0.772	33.969
	0.639	29.046	0.732	32.471
	0.618	28.281	0.73	32.397
	0.556	26.028	0.747	33.031
	0.556	26.028	0.724	32.174
	0.555	25.992	0.725	32.211
	0.505	24.175	0.778	34.195
	0.516	24.575	0.779	34.233
	0.528	25.011	0.758	33.443
	0.57	26.536	0.735	32.583
	0.52	24.721	0.762	33.593
	0.526	24.939	0.715	31.840
	0.511	24.393	0.744	32.919
	0.528	25.011	0.758	33.443
	0.617	28.244	0.739	32.732
	SD	1.390	SD	0.760
	Mean (ng/ml)	25.744	Mean (ng/ml)	32.933
	CV	0.054	CV	0.023

Intra-assay Precision

Sample	BS1	BP1
n	18	18
Mean (ng/ml)	25.744	32.933
Standard deviation	1.390	0.760
C V (%)	5.4	2.3

CV(%) = SD/mean x 100