

Insulin Validations

- Validation includes comparison of Linco's Adipokine Panel B Insulin assay to Linco's human Insulin EIA
- Inter-assay CV data for Panel B Insulin

Suppliers

- A: Bio-Rad
- B: Linco Research (done)
- C: Upstate
- D: Biosource
- E: RnD Systems

Supplier B

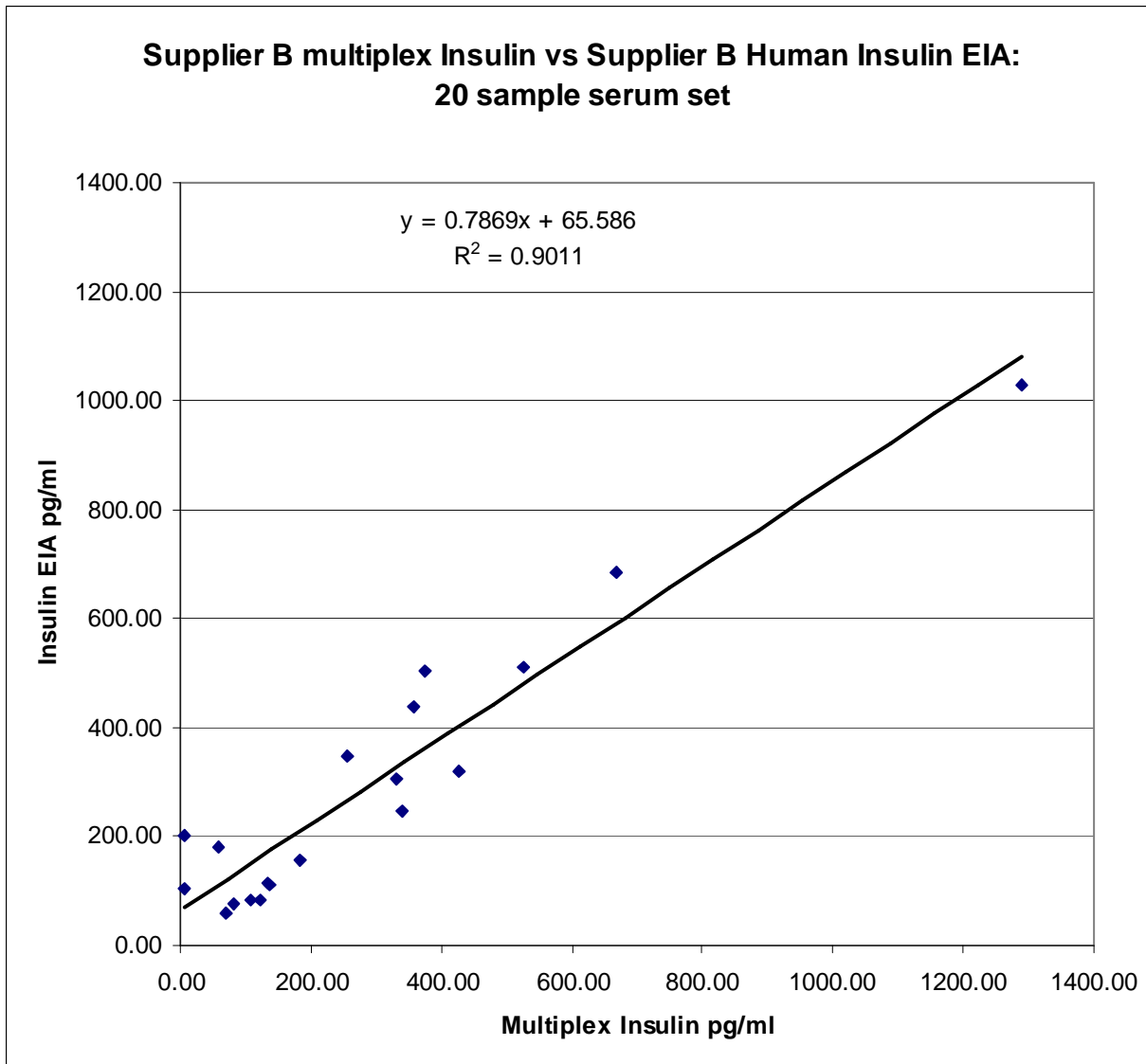
Adipokine Panel B

Insulin

Mean replicate CV=7.62%

$R^2 = 0.90$

Slope(m)=0.79



Supplier B

Inter-assay CV

For 28 plates run on 6 different days
3/06 – 4/06.

	Kit QC1	Kit QC2	C-4/6	B
mean	499.626	5162.852	451.325	138.260
SD	34.328	467.470	65.563	18.047
CV %	6.87	9.05	14.53	13.05

Adipokine Panel B Insulin (pg/ml)

	Kit QC1	Kit QC2	C-4/6	B
1	473.55	5001.5	498.31	138.7
2	447.51	4555.64	524.37	150.64
3	623.75	6563.12	400.43	140.41
4	513.31	4942.7	435.7	130.05
5	450.62	4668.93	347.65	108.63
6	465.15	4586.17	335.73	112.69
7	477.24	4882.28	479.11	154.26
8	504.48	4784.36	392.27	133.11
9	497.65	5119.32	457.86	169.23
10	479.43	4952.22	402.07	133.26
11	546.29	5032.43	472.77	165.75
12	531.91	5213.35	433.4	138.02
13	525.85	6372.04	544.63	129.6
14	516.31	4913.38	537.85	156.26
15	474.67	5530.76	532.37	157.02
16	501.17	5187.41	521.87	137.4
17	511.97	5104.33	394.07	118.52
18	511.74	5744.42	399.8	114.39
19	460.71	5002.64	396.15	150.05
20	496.19	5492.14	338.86	100.3
21	517.35	5022.47	444.67	168.53
22	501.66	4761.34	452.8	130.65
23	504.54	5288.09	588.78	148.85
24	479.69	5344.77	523.62	124.38
25	495.42	4871.82	440.38	151.33
26	498.65	5127.03	461.9	146.69
27	510.96	4959.63	444.19	138.49
28	471.76	5535.57	435.5	124.06