



InSight Canine-IA Comparison Data - cPL

The InSight Canine-IA is an easy to use veterinary Immunoassay Analyser providing accurate and reliable results in 3-15mins. The InSight Canine-IA uses immunofluorescence technology for accurate results. A competitive binding assay is based upon the competition of labelled and unlabelled analytes for a limited number of antibody binding sites. Unbound antibodies and immunocomplexes migrate along the nitrocellulose membrane towards the test line. The unbound antibodies are then captured by antigens immobilised on the test line. The fluorescent signal intensity reflects the amount of analytes captured and is measured by the InSight Canine-IA.

Canine Pancreatic Lipase (cPL)

cPL is used as an indicator for diagnosis of pancreatitis in dogs.

Comparison Items

InSight Canine-IA:

Test Item – cPL

Quantity of Samples – 41 Tests

Lot No. – H063200506

Instrument – InSight Canine-IA Veterinary Immunoassay Analyser

Date – 20/05/2020

Anigen (Vcheck):

Test Item – cPL

Quantity of Samples – 41 Tests

Lot No. – F1030034

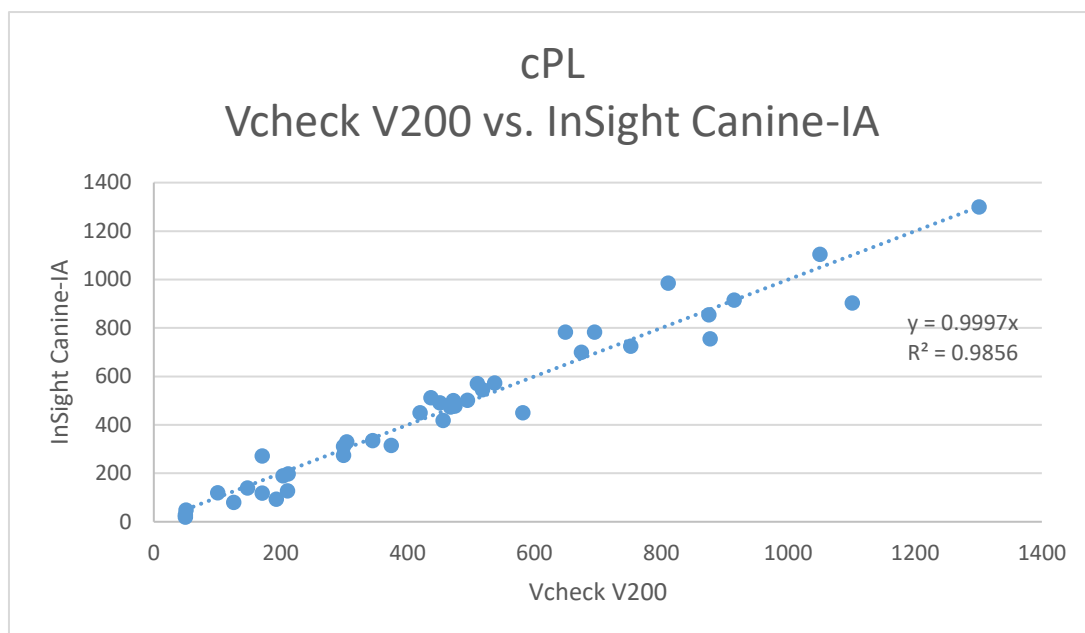
Instrument – Vcheck V200

Date – 20/05/2020

Test Results

Sample	Vcheck V200 (ug/L)	InSight Canine-IA (ug/L)
1	50	20
2	51	48
3	50	29
4	193	94
5	126	80
6	148	140
7	212	197
8	211	127
9	456	419
10	811	985
11	299	275
12	171	119
13	582	450
14	649	783
15	877	755
16	1101	904

17	1301	1300
18	695	783
19	475	479
20	299	311
21	171	272
22	101	120
23	204	190
24	345	335
25	420	450
26	510	570
27	674	700
28	752	725
29	875	854
30	915	916
31	1050	1104
32	518	545
33	374	316
34	494	501
35	304	330
36	538	573
37	470	477
38	472	501
39	437	512
40	451	492
41	468	474



Accuracy

cPL		Vcheck V200 (ug/L)		
		Positive	Negative	Accuracy
InSight Canine-IA (ug/L)	Positive	29	3	93.7%
	Negative	0	9	100%
	Total	29	12	92.68%

Repeatability

Sample Concentration	1	2	3	4	5	6	7	8	9	10	Mean Value	Bias Max%
100 ug/L	95.15	104.06	103.47	91.24	100.65	70.94	94.81	128.66	91.1	129.46	100.954	1%
310 ug/L	286.93	346.31	367.76	253.05	327.47	373.98	383.35	388.7	225.54	295.76	324.885	5%
811 ug/L	907.11	806.31	801.04	842.97	925.86	907.52	816.6	901.23	911.68	853.08	867.34	8%