



InSight V-IA cPL Evaluation vs. Vcheck V200

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The InSight V-IA is an easy to use veterinary Immunoassay Analyser providing accurate and reliable results in 3-15mins. The InSight V-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 V-IA.

Canine Pancreatic Lipase (cPL)

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

Comparison Items

InSight V-IA:

Test Item – cPL

Quantity of Samples – 30 Tests

Lot No. – H063201108

Instrument – InSight V-IA Veterinary Immunoassay Analyser

Bionote (Vcheck):

Test Item – cPL

Quantity of Samples – 30 Tests

Lot No. – F1030034

Instrument – Vcheck V200

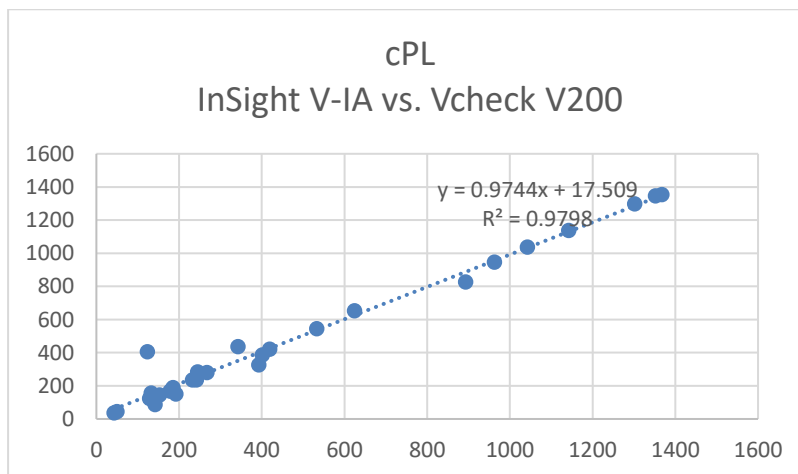
Test Results

Sample	Vcheck V200 (ug/L)	InSight V-IA (ug/L)	Mark
1	185.3	190.5	Negative
2	178.2	168.5	Negative
3	245	284.5	Positive
4	267.5	281.4	Positive
5	1367.5	1354.1	Positive
6	134.2	122.5	Negative
7	123	405.75	Positive
8	50.1	45.5	Negative
9	624.2	654.1	Positive
10	532.5	545.1	Positive
11	135.2	142.4	Negative
12	962.3	947.2	Positive
13	1352.1	1347.2	Positive
14	419.2	421.1	Positive
15	152.4	145.1	Negative
16	1301.5	1298.4	Positive
17	128.5	124.5	Negative
18	192.1	152.1	Positive

19	401.2	387.25	Positive
20	232.5	237.5	Positive
21	1142.5	1137.5	Positive
22	892.5	827.5	Positive
23	142.2	87.5	Negative
24	132.5	157.5	Negative
25	392.5	327.5	Positive
26	342.7	437.4	Positive
27	242.1	237.5	Positive
28	42.4	37.5	Negative
29	1042.5	1037.5	Positive
30	140.1	133.5	Negative

Linear Correlation

R²	0.9798
R	0.9898



Accuracy

cPL		InSight V-IA		
		Positive	Negative	Total
Vcheck V200	Positive	17	0	17
	Negative	1	12	13
	Total	18	12	30

Positive Coincidence Rate	94.4%
Negative Coincidence Rate	100.0%
Total Coincidence Rate	96.67%

Repeatability

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