



InSight Canine-IA Canine Cortisol
Evaluation vs. Vcheck V200

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 Cortisol

Cortisol is a hormone that regulates metabolism and is used to help diagnose adrenal disorders.

Comparison Items

InSight Canine-IA:

Test Item – Canine Cortisol

Quantity of Samples – 30 Tests

Lot No. – H061201107

Instrument – InSight Canine-IA Veterinary Immunoassay Analyser

Anigen (Vcheck):

Test Item – Canine Cortisol

Quantity of Samples – 30 Tests

Lot No. – F105D016

Instrument – Vcheck V200

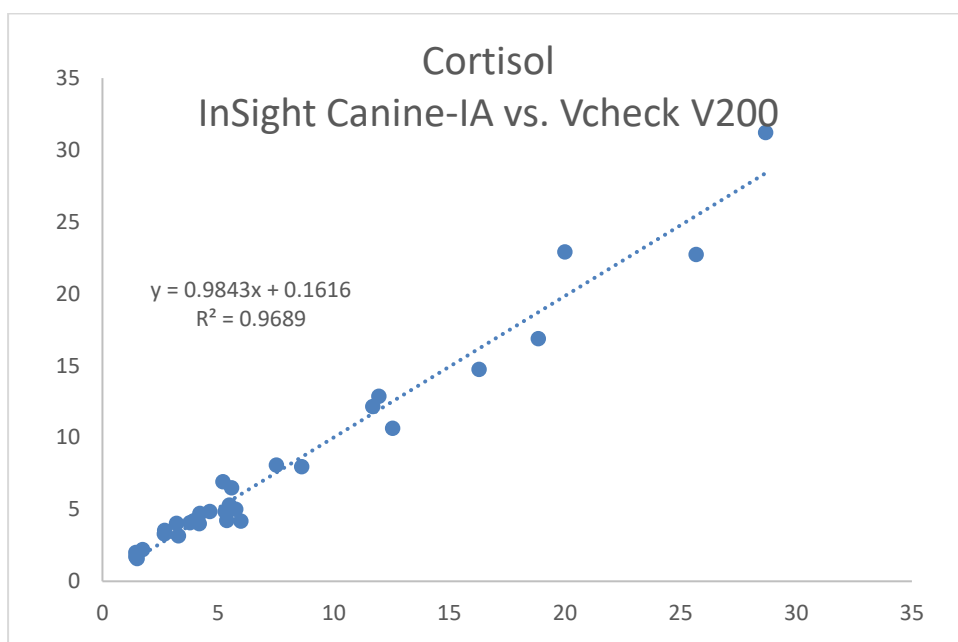
Test Results

Sample	InSight Canine-IA (ug/dl)	Vcheck V200 (ug/dl)	Mark
1	1.44	1.99	
2	2.69	3.54	
3	20.00	22.91	
4	8.62	7.96	
5	2.68	3.29	
6	1.45	1.71	
7	3.20	4.03	
8	3.28	3.15	
9	3.79	4.07	
10	7.52	8.07	
11	4.19	4.00	
12	11.68	12.15	
13	3.95	4.21	
14	5.31	4.85	
15	11.96	12.86	
16	18.85	16.87	
17	5.99	4.17	
18	5.21	6.91	

19	1.50	1.56	
20	1.73	2.20	
21	25.67	22.72	
22	5.77	5.01	
23	12.55	10.64	
24	28.67	31.21	
25	4.65	4.85	
26	5.37	4.22	
27	5.58	6.49	
28	16.29	14.74	
29	5.49	5.30	
30	4.21	4.71	

Linear Correlation

R ²	0.969
R	0.984



Accuracy

Cortisol		Vcheck V200		
		Positive	Negative	Total
InSight Canine-IA	Positive	13	1	14
	Negative	2	14	16
	Total	15	15	30

Positive Coincidence Rate	86.7%
Negative Coincidence Rate	93.3%
Total Coincidence Rate	90.0%

Repeatability

Sample Concentration	1	2	3	4	5	6	7	8	9	10	Mean Value	Bias Max %
1.51ug/dL	1.37	1.58	1.41	1.61	1.48	1.49	1.55	1.56	1.5	1.48	1.503	0.2%
4.39 ug/dL	4.21	4.35	4.89	4.37	4.73	4.02	4.11	4.11	4.12	4.08	4.299	0.7%
20.73 ug/dL	19.87	18.65	20.55	21.13	22.58	22.46	19.72	19.98	20.21	20.84	20.599	0.2%