



InSight V-IA Feline Cardiac Troponin I
Evaluation vs. Vcheck V200

✉ Old Station Park Buildings, St. John Street, Horwich, BL6 7NY

☎ +44 (0) 1204 669033

🌐 www.woodleyequipment.com

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.

Feline Cardiac Troponin I

The InSight V-IA Feline Cardiac Troponin I Test is mainly used for the diagnosis of cardiomyocyte injury.

Comparison Items

InSight V-IA:

Test Item – Feline Cardiac Troponin I

Quantity of Samples – 50 Tests

Instrument – InSight V-IA Veterinary Immunoassay Analyser

Anigen (Vcheck):

Test Item – Feline Cardiac Troponin I

Quantity of Samples – 50 Tests

Instrument – Vcheck V200

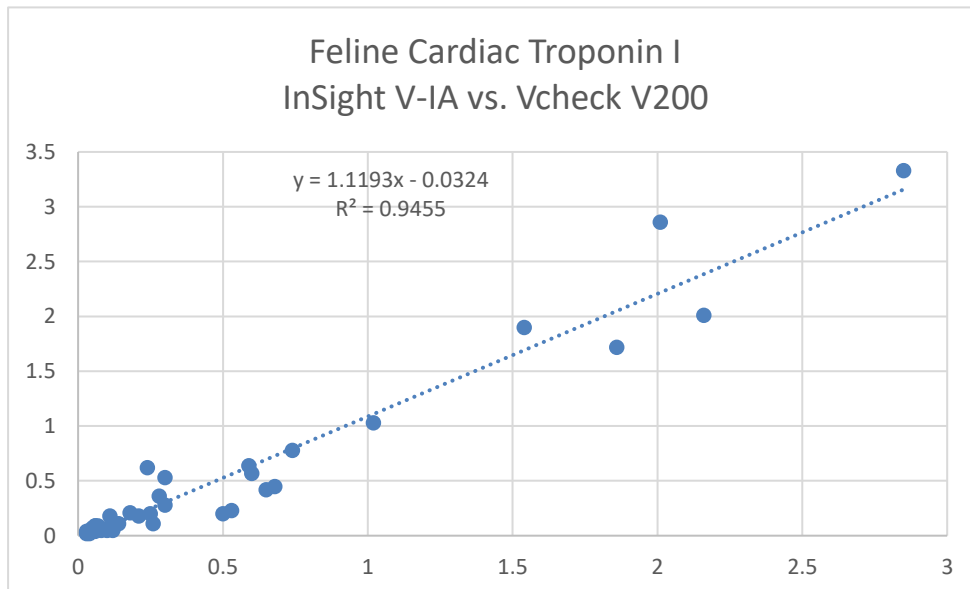
Test Results

Sample	InSight V-IA (ng/mL)	Vcheck V200 (ng/mL)
1	0.05	0.1
2	0.11	0.14
3	0.09	0.07
4	1.9	1.54
5	0.42	0.65
6	0.2	0.5
7	0.23	0.53
8	0.04	0.03
9	0.05	0.08
10	2.86	2.01
11	1.72	1.86
12	0.07	0.06
13	3.33	2.85
14	0.09	0.06
15	0.09	0.12
16	0.07	0.06
17	0.07	0.05
18	0.04	0.04
19	0.2	0.25
20	0.18	0.21
21	0.11	0.26
22	2.01	2.16

23	0.02	0.03
24	0.02	0.04
25	0.04	0.05
26	0.62	0.24
27	1.03	1.02
28	0.03	0.04
29	0.04	0.04
30	0.04	0.05
31	0.04	0.04
32	0.04	0.06
33	0.04	0.05
34	0.78	0.74
35	0.03	0.04
36	0.21	0.18
37	0.57	0.6
38	0.07	0.06
39	0.05	0.05
40	0.07	0.08
41	0.36	0.28
42	0.05	0.12
43	0.09	0.06
44	0.45	0.68
45	0.28	0.3
46	0.64	0.59
47	0.18	0.11
48	0.53	0.3
49	0.04	0.07
50	0.08	0.05

Linear Correlation

R²	0.9455
R	0.9723



Accuracy

fcTnl		Vcheck V200		
		Positive	Negative	Total
InSight V-IA	Positive	21	1	22
	Negative	1	27	28
	Total	22	28	50

Positive Coincidence Rate	95.45%
Negative Coincidence Rate	96.42%
Total Coincidence Rate	96%

Repeatability

Sample Concentration	1	2	3	4	5	6	7	8	9	10	Mean Value	Bias %
0.05 ng/mL	0.08	0.05	0.03	0.07	0.04	0.05	0.05	0.05	0.05	0.04	0.051	2%
0.18 ng/mL	0.21	0.18	0.18	0.17	0.17	0.18	0.17	0.18	0.19	0.21	0.184	2%
0.5 ng/mL	0.64	0.48	0.5	0.49	0.48	0.47	0.49	0.52	0.48	0.52	0.507	1%