



InSight V-IA Feline T4 Evaluation vs. Vcheck V200

✉ Old Station Park Buildings, St Johns 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 T4

T4 is used to assist in the evaluation of thyroid function.

Comparison Items

InSight V-IA:

Test Item – Feline T4

Quantity of Samples – 22 Tests

Lot No. – H053200308

Instrument – InSight V-IA Veterinary Immunoassay Analyser

Bionote (Vcheck):

Test Item – Feline T4

Quantity of Samples – 22 Tests

Lot No. – F106D006

Instrument – Vcheck V200

Test Results

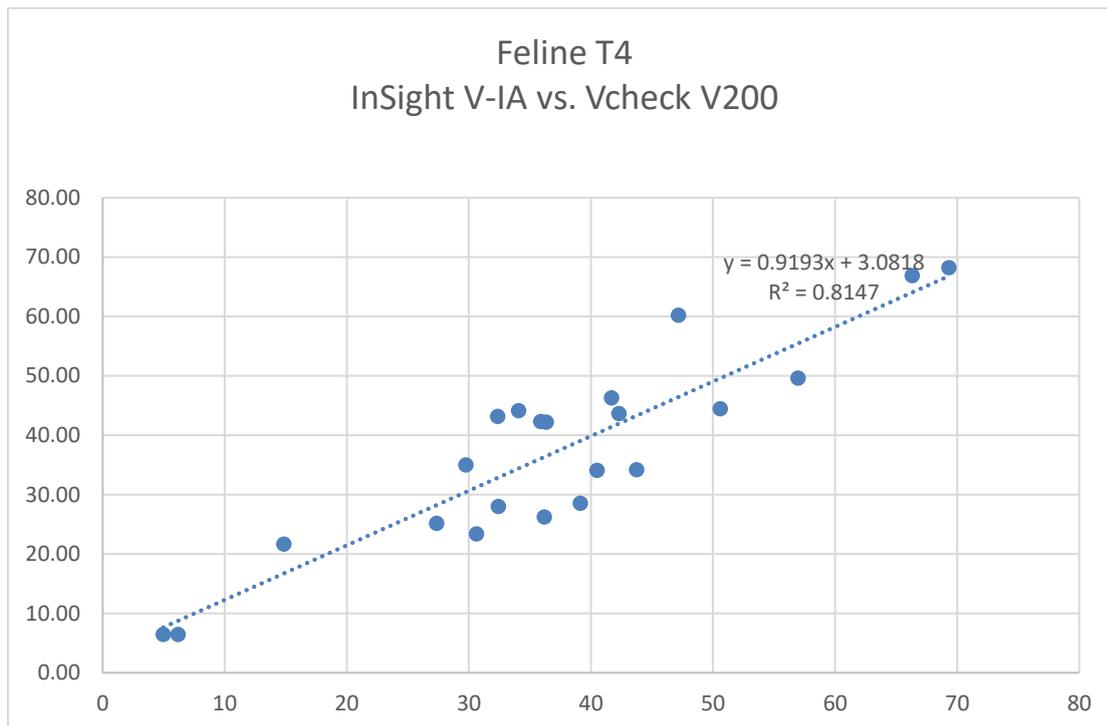
1 µg/dL=12.87 nmol/L (test results have been converted)

Sample	Vcheck V200 (nmol/L)	InSight V-IA (nmol/L)
1	34.10	40.51
2	28.57	39.14
3	23.42	30.62
4	44.14	34.07
5	26.25	36.17
6	34.20	43.75
7	28.00	32.41
8	43.64	42.3
9	60.21	47.17
10	21.65	14.85
11	25.16	27.36
12	44.46	50.59
13	35.00	29.76
14	42.30	35.89
15	43.20	32.36
16	42.21	36.35
17	46.32	41.68

18	49.61	56.98
19	6.44	6.17
20	6.44	4.95
21	68.25	69.32
22	66.87	66.31

Linear Correlation

R²	0.8147
R	0.9026



Accuracy

Feline T4		Vcheck V200		
		Positive	Negative	Total
InSight V-IA	Positive	17	1	18
	Negative	1	4	5
	Total	18	5	23

Positive Coincidence Rate	94%
Negative Coincidence Rate	80%
Total Coincidence Rate	91%

Repeatability

Sample Concentration	1	2	3	4	5	6	7	8	9	10	Mean Value	Bias Max%
5.4nmol/L	5.54	6.31	5.74	5.53	6.09	5.76	5.48	5.17	5.59	5.07	5.628	12%
26 nmol/L	27.28	29.68	27.24	25.38	28.68	26.48	21.08	27.26	26.87	21.97	26.192	13%
65 nmol/L	64.88	58.19	60.78	58.86	66.31	67.44	69.2	57.9	63.96	70.3	63.782	10%