WOODLEY
EQUIPMENT COMPANY LTD.

InSight V-IA®

InSight V-IA cCys C Evaluation
vs. Vcheck V200

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 Cystatin C (cCys C)

Cystatin C is used as an aid to evaluate kidney injury.

Comparison Items

InSight V-IA:
Test Item – cCys C
Quantity of Samples – 30 Tests
Instrument – InSight V-IA Veterinary Immunoassay Analyser

Reference Range of Cystatin C in Canine Blood
Detection Range – 0.1-10 mg/dL
Reference Range:

Reference	Signification
<1.2 mg/L	Normal
1.2-1.5 mg/L	Suspected kidney injury
>1.5 mg/L	Kidney injury

Bionote:
Test Item – SDMA
Quantity of Samples – 30 Tests
Instrument – Vcheck V200

Reference Range of SDMA in Canine Blood
Detection Range – 10-100 ug/dL
Reference Range:

Reference	Signification
≤14 ug/dL	Normal
14.1-19.9 ug/dL	Suspected kidney injury
≥20 ug/dL	Kidney injury

Test Results

Sample	InSight V-IA (mg/L)	Vcheck (ug/dL)	Clinical Symptoms
1	0.03	10.2	Negative
2	1.26	13.6	Negative
3	2.46	35.8	Positive

4	5.14	70.1	Positive
5	0.74	11.6	Negative
6	4.61	53.5	Positive
7	0.79	13.6	Negative
8	1.37	19.6	Positive
9	1.65	28.3	Positive
10	0.87	12.3	Negative
11	8.59	80.9	Positive
12	0.96	12.8	Negative
13	1.34	18.3	Positive
14	0.52	10.3	Negative
15	0.6	12.6	Negative
16	6.67	85.7	Positive
17	0.79	13.5	Negative
18	1.73	17.8	Positive
19	1.18	24.8	Positive
20	1.34	13.42	Negative
21	3.2	28.6	Positive
22	3.57	56	Positive
23	4.49	30.9	Positive
24	0.85	11.9	Negative
25	4.92	43.6	Positive
26	0.05	10.6	Negative
27	6.2	66.8	Positive
28	1.33	15.3	Positive
29	9.54	76.4	Positive
30	0.81	13.9	Negative

Accuracy

		Vcheck V200 SDMA		
		Positive	Negative	Total
InSight V-IA cCys C	Positive	16	2	18
	Negative	1	11	12
	Total	17	13	30

Positive Coincidence Rate	94%
Negative Coincidence Rate	84%
Total Coincidence Rate	90%

Each laboratory should establish a reference range that represents the fauna to be assessed.