



## InSight V-IA cCRP Evaluation vs. IDEXX Catalyst One

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 CRP**

cCRP is used as a general marker for inflammatory response.

### **Comparison Items**

#### **InSight V-IA:**

Test Item – cCRP

Quantity of Samples – 20 Tests

Instrument – InSight V-IA Veterinary Immunoassay Analyser

#### **IDEXX:**

Test Item – cCRP

Quantity of Samples – 20 Tests

Instrument – IDEXX Catalyst One

### **Test Results**

Sample	IDEXX Catalyst One (mg/L)	InSight V-IA (mg/L)
1	9.9	9.94
2	12.7	16.22
3	18.8	15.65
4	47.3	42.29
5	29.3	30.98
6	89.5	84.58
7	73.2	78.52
8	6.3	5.77
9	25.4	25.34
10	81.2	75.74
11	22.2	18.54
12	99.7	91.79
13	56.31	60.24
14	65.07	61.34
15	8.39	7.17
16	35.94	33.11
17	14.27	16.08
18	96.43	86.75
19	7.25	8.91
20	8.33	6.08

### Accuracy

cCRP		IDEXX Catalyst One		
		Positive	Negative	Total
InSight V-IA	Positive	15	0	15
	Negative	0	5	5
	Total	15	5	20

Positive Coincidence Rate	100%
Negative Coincidence Rate	100%
Total Coincidence Rate	100%

### Reference Range of CRP in Canine Blood

Detection Range: 2 – 250mg/L

Reference:

Signification	mg/L
Normal	<10
Inflammation	>10