



## InSight V-IA eSAA Evaluation vs. Lifeassays

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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.

### **Equine SAA**

SAA is used as a general marker for inflammatory response.

### **Comparison Items**

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

Test Item – eSAA

Quantity of Samples – 25 Tests

Instrument – InSight V-IA Veterinary Immunoassay Analyser

#### **Lifeassays:**

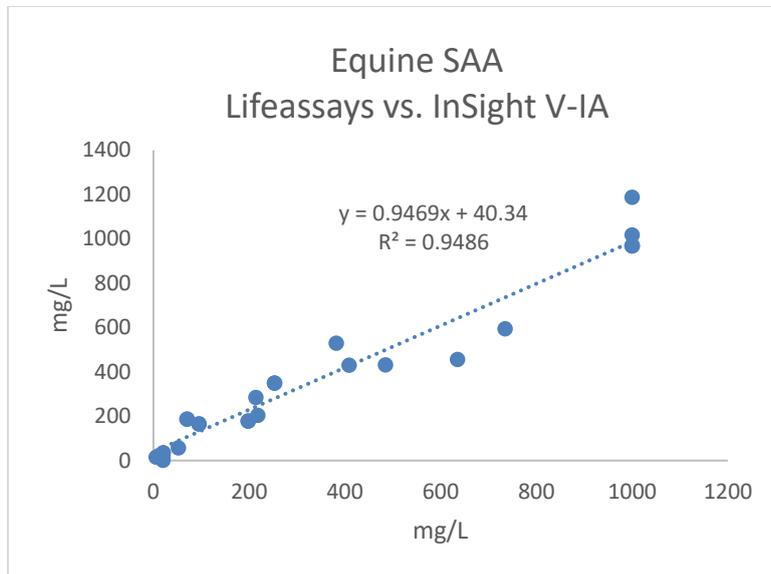
Test Item – eSAA

Quantity of Samples – 25 Tests

### **Test Results**

<b>Sample</b>	<b>InSight V-IA (mg/L)</b>	<b>Lifeassays (mg/L)</b>	<b>Conclusion</b>
1	285.39	214	✓
2	2.05	20	✓
3	968.73	1000(>1000)	✓
4	204.46	218	✓
5	530.45	382	✓
6	431.21	409	✓
7	968.73	1000(>1000)	✓
8	349.14	253	✓
9	179	198	✓
10	187.12	70	✓
11	165.55	95	✓
12	968.73	1000(>1000)	✓
13	1017.45	1000(>1000)	✓
14	349.21	253	✓
15	179.09	198	✓
16	187.35	70	✓
17	165.72	95	✓
18	58	52	✓
19	17.54	20	✓
20	431.39	485	✓
21	1187.57	1000(>1000)	✓
22	594.25	735	✓

23	456.31	635	✓
24	15.46	5.61	✓
25	35.56	20.45	✓



### Accuracy

eSAA		Lifeassays		
		Positive	Negative	Total
InSight V-IA	Positive	21	0	21
	Negative	0	4	4
	Total	21	4	25

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

### Reference Range of eSAA in Equine Blood

Detection Range: 8~1500 mg/L

Reference Range: Normal - <20 mg/L

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