



Sheep Serum Amyloid A,SAA ELISA Kit

Product Code CSB-E14973Sh Abbreviation SAA1 Protein Biological Process 1 Immunity Target Name serum amyloid A1 Uniprot No. P42819 Alias MGC111216, PIG4, SAA, TP53I4, tumor protein p53 inducible protein 4 Product Type ELISA Kit Immunogen Species Ovis aries (Sheep) Protein Biological Process 3 Acute phase Process 3 Serum, plasma, tissue homogenates Detection Range 1.875 ng/mL-120 ng/mL Sensitivity 0.47 ng/mL Assay Time 1-5h Sample Volume 50-100ul Detection Wavelength 450 nm Lead Time 3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx. Research Area Cardiovascular Gene Names SAA1 Tag Info quantitative Protein Description Competitive Description This Sheep SAA1 ELISA Kit was designed for the quantitative measurement of Sheep SAA1 protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 1.875 ng/mL-120 ng/mL and the sensitivity is 0.47 ng/mL.<		
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Linearity





To assess the linearity of the assay, samples were spiked with high concentrations of sheep SAA in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:100	Average %	94
1.100	Range %	90-98
1:200	Average %	98
1.200	Range %	93-102
1:400	Average %	104
1.400	Range %	98-108
1:800	Average %	89
1.000	Range %	84-93

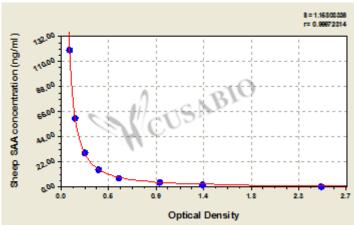
Recovery

The recovery of sheep SAA spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	86	82-91
EDTA plasma (n=4)	94	90-98

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml OD1 OD2 Average

120 0.086 0.088 0.087

60 0.136 0.142 0.139

30 0.247 0.231 0.239

15 0.362 0.372 0.367

7.5 0.553 0.566 0.560

3.75 0.924 0.984 0.954

1.875 1.324 1.401 1.363

0 2.448 2.543 2.496