

Bovine Serum Amyloid A (SAA) ELISA Kit | SAA elisa kit

Bovine Serum Amyloid A (SAA) ELISA Kit

CATALOG #
AAA63731

REACTIVITY
Bovine

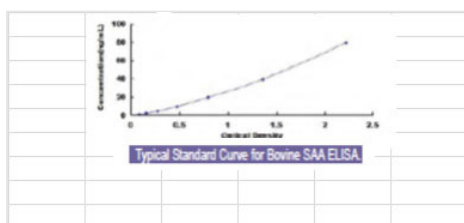
PRODUCT SYNONYMS

Serum Amyloid A (SAA); Bovine Serum Amyloid A (SAA) ELISA Kit; SA-A; SAA1; PIG4; TP53I4; SAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of SAA. No significant cross-reactivity or interference between SAA and analogues was observed.
Sequence Length	130
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SAA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SAA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SAA in bovine serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SAA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SAA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SAA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SAA in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	115497340
NCBI GeneID	506412
NCBI Accession #	NP_001068728.1
NCBI GenBank Nucleotide #	NM_001075260.2
UniProt Accession #	P35541; Q32L36
Molecular Weight	14,516 Da
NCBI Official Full Name	serum amyloid A protein
NCBI Official Symbol	SAA2
NCBI Official Synonym Symbols	SAA; SAA1
NCBI Protein Information	serum amyloid A protein
UniProt Protein Name	Serum amyloid A protein
UniProt Gene Name	SAA1
UniProt Synonym Gene Names	SAA; SAA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/bovine-ovine-elisa-kits/serum-amyloid-a-saa/63731>