

Bovine serum amyloid A1 ELISA Kit | SAA1 elisa kit

Bovine Serum amyloid A, SAA ELISA Kit

CATALOG #
AAA79619

REACTIVITY
Bovine

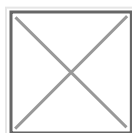
PRODUCT SYNONYMS

serum amyloid A1; Bovine Serum amyloid A; SAA ELISA Kit; MGC111216; PIG4; SAA; TP53I4; tumor protein p53 inducible protein 4; SAA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine SAA. No significant cross-reactivity or interference between bovine SAA and analogues was observed.
Sequence Length	130
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	0.1 ug/ml-20 ug/ml
Sensitivity	< 0.05 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA1 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for SAA and Horseradish Peroxidase (HRP) conjugated SAA. The competitive inhibition reaction is launched between with HRP labeled SAA and unlabeled SAA with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of SAA in the sample. The color development is stopped and the intensity of the color is measured.

References

[Metabolic load in dairy cows kept in herbage-based feeding systems and suitability of potential markers for compromised well-being](#). Zbinden, R. S., Falk, M., Munger, A., Dohme-Meier, F., van Dorland, H. A., Bruckmaier, R. M. and Gross, J. J. (2016)

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
UniProt Entry Name	SAA_BOVIN

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.

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Online datasheet: <https://stage.aaabiotech.com/saa1-bovine-ovine-elisa-kits/serum-amyloid-a1/79619>