

Sheep serum amyloid A1 ELISA Kit | SAA1 elisa kit

Sheep Serum Amyloid A, SAA ELISA Kit

CATALOG #
AAA80783

REACTIVITY
Sheep

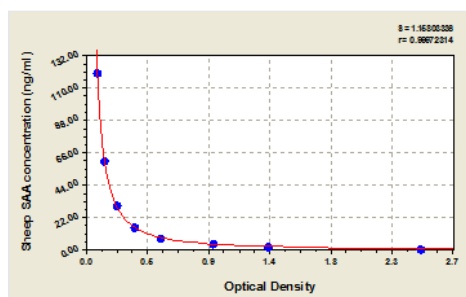
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep SAA. No significant cross-reactivity or interference between sheep SAA and analogues was observed.
Sequence Length	112
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	1.875 ng/ml -120 ng/ml.
Sensitivity	The minimum detectable dose of sheep SAA is typically less than 0.47 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 SAA. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for SAA. The competitive inhibition reaction is launched between with pre-coated SAA and SAA in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of SAA in the samples. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1173354
UniProt Accession #	P42819
Molecular Weight	12,688 Da
NCBI Official Full Name	Serum amyloid A protein
UniProt Protein Name	Serum amyloid A protein
UniProt Gene Name	SAA1
UniProt Synonym Gene Names	SAA
UniProt Entry Name	SAA_SHEEP

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://stage.aaabiotech.com/saa1-sheep-elisa-kits/serum-amyloid-a1/80783>