

Sheep Serum amyloid A ELISA Kit | SAA elisa kit

Sheep Serum amyloid A ELISA Kit

CATALOG #
AAA90022

REACTIVITY
Sheep

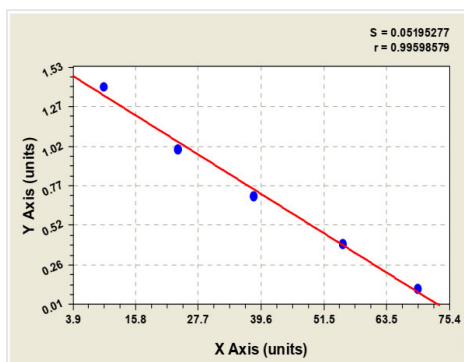
PRODUCT SYNONYMS

Serum amyloid A; Sheep Serum amyloid A ELISA Kit; SAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SAA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA elisa kit	Principle of the Assay: SAA ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-SAA antibody and an SAA-HRP conjugate. The assay sample and buffer are incubated together with SAA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SAA concentration since SAA from samples and SAA-HRP conjugate compete for the anti-SAA antibody binding site. Since the number of sites is limited, as more sites are occupied by SAA from the sample, fewer sites are left to bind SAA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SAA concentration in each sample is interpolated from this standard curve. Intended Uses: This SAA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep SAA. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for SAA elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	93352563
NCBI GeneID	678660
NCBI Accession #	NP_001035288.1
NCBI GenBank Nucleotide #	NM_001040198.1
NCBI Official Full Name	serum amyloid A protein
NCBI Official Symbol	SAA1
NCBI Official Synonym Symbols	SAA
NCBI Protein Information	serum amyloid A protein

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/saa-sheep-elisa-kits/serum-amyloid-a/90022>