

Mouse SAA ELISA Kit | SAA1 elisa kit

Mouse SAA PicoKine ELISA Kit

CATALOG #
AAA45928

REACTIVITY
Mouse

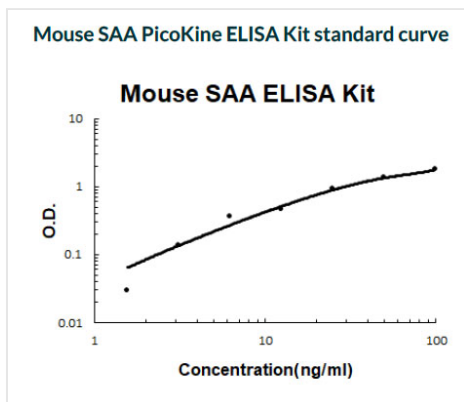
PRODUCT SYNONYMS

SAA; Mouse SAA PicoKine ELISA Kit; Serum amyloid A protein; serum amyloid A1; Amyloid fibril protein AA; Amyloid protein A; MGC111216; OTTMUSP00000045357; PIG4; SAA1; Serum amyloid A 1; Serum amyloid A 1 protein; serum amyloid A protein; Serum amyloid A protein precursor; Serum amyloid A1 isoform 1; Serum amyloid A1 isoform 2; TP53I4; Tumor protein p53 inducible protein 4; SAA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Saa1
Samples	Cell culture supernatants, serum, plasma (heparin, EDTA) and urine
Detection Range	1.56 ng/ml - 100 ng/ml
Sensitivity	<150 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA1 elisa kit	Background: Serum amyloid A protein (SAA), also known as SAA1, is a protein that in humans is encoded by the SAA1 gene. This gene encodes a member of the serum amyloid A family of apolipoproteins. It is mapped to 11p15.1. SAA is a major acute phase protein that is highly expressed in response to inflammation and tissue injury. This protein also plays an important role in HDL metabolism and cholesterol homeostasis. High levels of this protein are associated with chronic inflammatory diseases including atherosclerosis, rheumatoid arthritis, Alzheimer's disease and Crohn's disease. This protein may also be a potential biomarker for certain tumors. Principle of the Assay: The Picokine™ Mouse Saa1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Mouse Saa1 with a 96-well strip plate that is pre-coated with antibody specific for Saa1. The detection antibody is a biotinylated antibody specific for Saa1. The capture antibody is polyclonal antibody from goat and the detection antibody is polyclonal antibody from goat. The kit includes Mouse Saa1 protein as standards. To measure Mouse Saa1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Mouse Saa1 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Saa1 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	111345
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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-mouse-elisa-kits/saa/45928>