

Mouse serum amyloid A1 ELISA Kit | SAA1 elisa kit

Mouse serum amyloid A1, SAA1 ELISA Kit

CATALOG #
AAA18003

REACTIVITY
Mouse

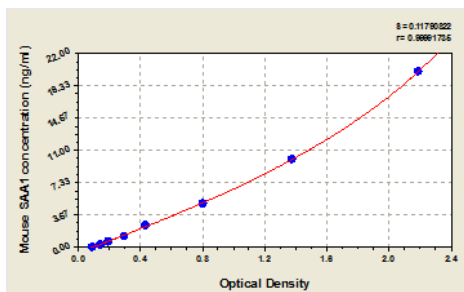
PRODUCT SYNONYMS

serum amyloid A1; Mouse serum amyloid A1; SAA1 ELISA Kit; Mouse serum amyloid A1 (SAA1) ELISA kit; MGC111216; PIG4; SAA; TP53I4; tumor protein p53 inducible protein 4; SAA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SAA1. No significant cross-reactivity or interference between mouse SAA1 and analogues was observed.
Sequence Length	122
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 ng/ml
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 quantitative sandwich enzyme immunoassay technique. Antibody specific for SAA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SAA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SAA1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SAA1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6677843
NCBI GeneID	20208
NCBI Accession #	NP_033143.1
NCBI GenBank Nucleotide #	NM_009117.3
UniProt Accession #	P05366
Molecular Weight	13,770 Da
NCBI Official Full Name	serum amyloid A-1 protein
NCBI Official Synonym Full Names	serum amyloid A 1
NCBI Official Symbol	Saa1
NCBI Official Synonym Symbols	Saa2; Saa-1
NCBI Protein Information	serum amyloid A-1 protein; serum amyloid A 2
UniProt Protein Name	Serum amyloid A-1 protein
UniProt Gene Name	Saa1
UniProt Entry Name	SAA1_MOUSE

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/serum-amyloid-a1/18003>