

Mouse Serum amyloid A-2 protein ELISA Kit | SAA2 elisa kit

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CATALOG #
AAA100529

REACTIVITY
Mouse

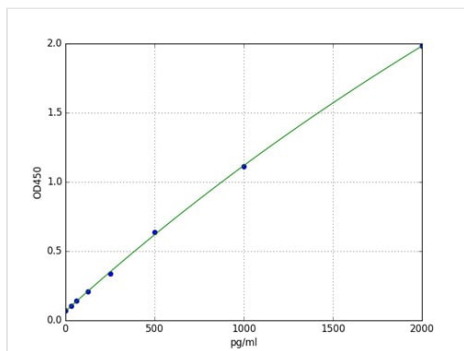
PRODUCT SYNONYMS

Serum amyloid A-2 protein; Mouse Serum amyloid A-2 protein ELISA Kit; SAA2/Serum amyloid A-2 protein; SAA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	122
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Mouse SAA2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.021	0.028	0.042	0.069	0.168	0.416	1.239	2.366

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse SAA2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse SAA2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse SAA2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse SAA2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

188497671

NCBI GeneID	6289
NCBI Accession #	NP_110381.2
NCBI GenBank Nucleotide #	NM_030754.4
Molecular Weight	9,184 Da
NCBI Official Full Name	serum amyloid A-2 protein isoform a
NCBI Official Synonym Full Names	serum amyloid A2
NCBI Official Symbol	SAA2
NCBI Protein Information	serum amyloid A-2 protein
UniProt Protein Name	Serum amyloid A-2 protein
UniProt Gene Name	SAA2
UniProt Synonym Gene Names	SAA2
UniProt Entry Name	SAA2_HUMAN

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://www.aaabiotech.com/saa2-mouse-elisa-kits/serum-amyloid-a-2-protein/100529>