

Human Serum Amyloid A4, Constitutive (SAA4) ELISA Kit | SAA4 elisa kit

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CATALOG #
AAA186307

REACTIVITY
Human

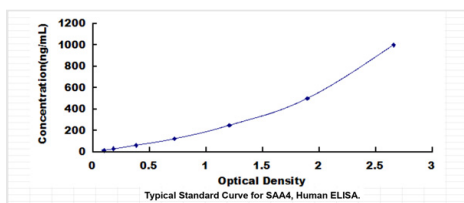
PRODUCT SYNONYMS

Serum Amyloid A4; Constitutive (SAA4); Human Serum Amyloid A4; Constitutive (SAA4) ELISA Kit; C-SAA; CSAA; SA-A4; Constitutively expressed serum amyloid A protein; SAA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SAA4. No significant cross-reactivity or interference between SAA4 and analogues was observed.
Sequence Length	130
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000ng/mL
Sensitivity	< 6.4ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SAA4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SAA4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA4 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SAA4. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SAA4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SAA4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of SAA4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SAA4 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315075333
NCBI GeneID	6291
NCBI Accession #	NP_006503.2
NCBI GenBank Nucleotide #	NM_006512.3
UniProt Accession #	P35542; Q6FHJ4
Molecular Weight	14,747 Da
NCBI Official Full Name	serum amyloid A-4 protein
NCBI Official Synonym Full Names	serum amyloid A4, constitutive
NCBI Official Symbol	SAA4
NCBI Official Synonym Symbols	CSAA; C-SAA
NCBI Protein Information	serum amyloid A-4 protein
UniProt Protein Name	Serum amyloid A-4 protein
UniProt Gene Name	SAA4
UniProt Synonym Gene Names	CSAA; C-SAA

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/human-elisa-kits/serum-amyloid-a4-constitutive-saa4/186307>