

Human Serum amyloid A (SAA) ELISA Kit | SAA elisa kit

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CATALOG #
AAA190345

REACTIVITY
Human

PRODUCT SYNONYMS

Serum amyloid A (SAA); Human Serum amyloid A (SAA) ELISA Kit; SAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SAA. No significant cross-reactivity or interference between Human SAA and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ug/mL - 10 ug/mL
Sensitivity	0.078 ug/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for SAA elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SAA in Human serum, plasma. An antibody specific for SAA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SAA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SAA is added to the wells. After washing, Streptavidin 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 SAA bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Serum amyloid A (SAA) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755394
NCBI GeneID	20209
NCBI Accession #	NP_035444.1
NCBI GenBank Nucleotide #	NM_011314.2
UniProt Accession #	P05367
Molecular Weight	13,622 Da

NCBI Official Full Name	serum amyloid A-2 protein
NCBI Official Synonym Full Names	serum amyloid A 2
NCBI Official Symbol	Saa2
NCBI Official Synonym Symbols	Saa1; Saa-2; AW111173
NCBI Protein Information	serum amyloid A-2 protein
UniProt Protein Name	Serum amyloid A-2 protein
UniProt Gene Name	Saa2

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/human-elisa-kits/serum-amyloid-a-saa/190345>