

Rat Serum Amyloid A ELISA Kit | SAA elisa kit

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CATALOG #
AAA17489

REACTIVITY
Rat

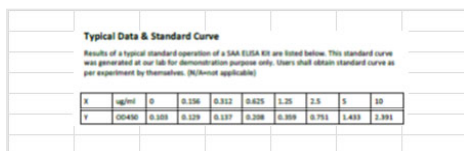
PRODUCT SYNONYMS

Serum Amyloid A; Rat Serum Amyloid A ELISA Kit; SAA; SAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of SAA . No significant cross-reactivity or interference between SAA and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the crossreactivity detection between SAA and all the analogues, therefore, cross reaction may still exist.
Sequence Length	129
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SAA were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SAA were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- SAA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- SAA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin 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 SAA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of SAA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	93352563
NCBI GeneID	678660
NCBI Accession #	NP_001035288.1
NCBI GenBank Nucleotide #	NM_001040198.1
NCBI Official Full Name	serum amyloid A protein
NCBI Official Symbol	SAA1
NCBI Official Synonym Symbols	SAA
NCBI Protein Information	serum amyloid A protein

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/saa-rat-elisa-kits/serum-amyloid-a/17489>