

Rat SAA ELISA Kit | SAA elisa kit

Rat SAA (Serum Amyloid A) ELISA Kit

CATALOG #
AAA165624

REACTIVITY
Rat

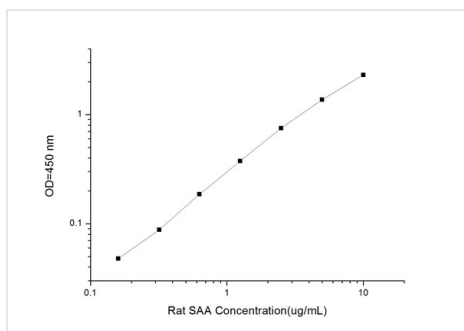
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat SAA. No significant cross-reactivity or interference between Rat SAA and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat SAA and all the analogues, therefore, cross reaction may still exist.
Sequence Length	122
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10?g/mL
Sensitivity	Min: 0.094?g/mL; Max: 10?g/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SAA in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat SAA. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat SAA and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat SAA, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat SAA. You can calculate the concentration of Rat SAA in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40316910
NCBI GeneID	6288
NCBI Accession #	NP_954630.1
NCBI GenBank Nucleotide #	NM_199161.3
UniProt Accession #	P0DJ18; P02735; P02736; P02737; Q16730; Q16834; Q16835; Q16879; Q3KRB3; Q6FG67; Q96QN0; Q9UCK9
Molecular Weight	13,532 Da
NCBI Official Full Name	serum amyloid A-1 protein preproprotein
NCBI Official Synonym Full Names	serum amyloid A1
NCBI Official Symbol	SAA1
NCBI Official Synonym Symbols	SAA; PIG4; SAA2; TP53I4
NCBI Protein Information	serum amyloid A-1 protein; serum amyloid A protein; tumor protein p53 inducible protein 4
UniProt Protein Name	Serum amyloid A-1 protein
UniProt Gene Name	SAA1
UniProt Synonym Gene Names	SAA
UniProt Entry Name	SAA1_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.