

Mouse Serum amyloid A 3 ELISA Kit | SAA3 elisa kit

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CATALOG #
AAA83927

REACTIVITY
Mouse

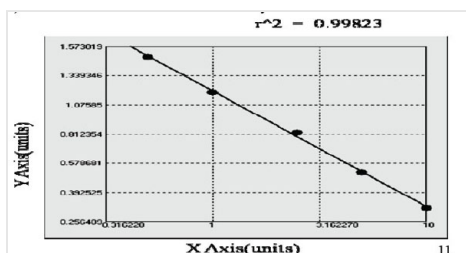
PRODUCT SYNONYMS

Serum amyloid A 3; Mouse Serum amyloid A 3 ELISA Kit; SAA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mug/mL.
Intended Uses	This SAA3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SAA3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAA3 elisa kit

Principle of the assay: SAA3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SAA3 antibody and an SAA3-HRP conjugate. The assay sample and buffer are incubated together with SAA3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SAA3 concentration since SAA3 from samples and SAA3-HRP conjugate compete for the anti-SAA3 antibody binding site. Since the number of sites is limited, as more sites are occupied by SAA3 from the sample, fewer sites are left to bind SAA3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SAA3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SAA3 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755396
NCBI GeneID	20210
NCBI Accession #	NP_035445.1
NCBI GenBank Nucleotide #	NM_011315.3
Molecular Weight	13,774 Da
NCBI Official Full Name	serum amyloid A-3 protein
NCBI Official Synonym Full Names	serum amyloid A 3
NCBI Official Symbol	Saa3
NCBI Official Synonym Symbols	I7R3; Saa-3; AV098916
NCBI Protein Information	serum amyloid A-3 protein
UniProt Protein Name	Serum amyloid A-3 protein
UniProt Gene Name	Saa3
UniProt Entry Name	SAA3_MOUSE

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/saa3-mouse-elisa-kits/serum-amyloid-a-3/83927>