

Human Serum amyloid A 3 ELISA Kit | SAA3 elisa kit

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CATALOG #
AAA84213

REACTIVITY
Human

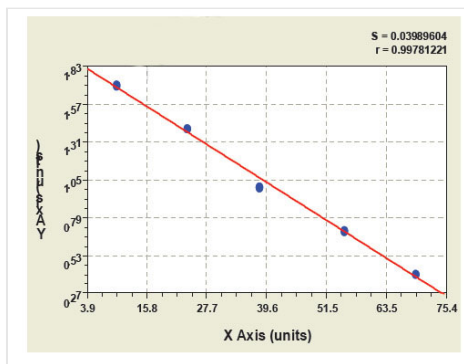
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This SAA3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/saa3-human-elisa-kits/serum-amyloid-a-3/84213>