

Human SAA4 ELISA Kit | SAA4 elisa kit

Human SAA4 ELISA Kit

CATALOG #
AAA258427

REACTIVITY
Human

PRODUCT SYNONYMS

SAA4; Human SAA4 ELISA Kit; SAA4 ELISA Kit; Human; serum amyloid A4; constitutive; C-SAA ELISA Kit; CSAA ELISA Kit; SAA4 elisa kit

PRODUCT SPECIFICATIONS

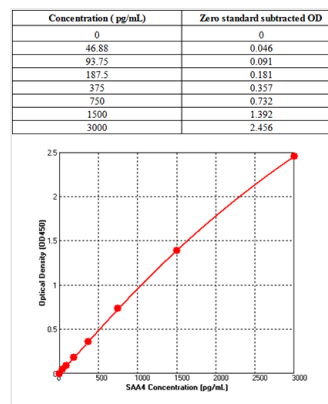
Reactivity	Human
Specificity	For the quantitative determination of SAA4 concentration in serum.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum
Detection Range	46.88-3000pg/mL
Sensitivity	7.14pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES

Recombinant human			
IL1	IL2	IL33	IL10
IL8	PDGF	TNF- α	IL4
IL6	IFN- γ	VEGF	MIP-1 β
TIMP1	TIMP2	GM-CSF	SCF

Application Data

This assay recognizes both recombinant and natural Human SAA4. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for SAA4 elisa kit	This SAA4 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human SAA4 protein in Serum. It contains recombinant Human SAA4, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: SAA4 is a member of the SAA family. SAA proteins are family of apolipoproteins of high density lipoprotein (HDL). They can be separated into two distinct groups. First group (SAA1, SAA2, and SAA3) consists of acute phase reactant whose expression level increase in the blood in a response to trauma, infection, inflammation, and neoplasia. These acute phase SAAs associates with HDL during inflammation and remodel the HDL particle by displacing Apo-A1. The second distinct group consists of SAA4 and SAA5 which exist as the minor apolipoproteins on HDL, but this group of SAA constitutes more than 90% of all the SAA during homeostasis, and it is thought to play a role in the normal functioning of the HDL particle. SAA4 is a constitutively expressed protein which expressed only in humans and mice. It is connected almost completely with lipoproteins of the high density range. The physiological function of SAA4 is unknown, and its serum concentration has no association with those of other major apolipoproteins.
References	Davila S, et al. (2010) New genetic associations detected in a host response study to hepatitis B vaccine. Genes Immun. 11(3):232-8. Murphy CL, et al. (2009) AA amyloidosis associated with a mutated serum amyloid A4 protein. Mol Med. Amyloid. 16(2):84-8. Prakash T, et al. (2010) Expression of conjoined genes: another mechanism for gene regulation in eukaryotes. PLoS One. 5(10):e13284.

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://www.aaabiotech.com/human-elisa-kits/saa4/258427>