Human Serum Amyloid A-4 Protein (SAA4) ELISA Kit | SAA4 elisa kit

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CATALOG #	REACTIVITY
AAA330955	**Human**

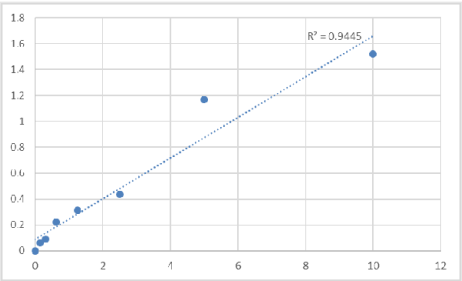
PRODUCT SYNONYMS

Serum Amyloid A-4 Protein (SAA4); Human Serum Amyloid A-4 Protein (SAA4) ELISA Kit; SAA4; C-SAA; CSAA; SAA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Serum amyloid A-4 protein (SAA4) ELISA Kit has high sensitivity and excellent specificity for detection of Human SAA4. No significant cross-reactivity or interference between Human SAA4 and analogues was observed.
Sequence Length	130
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Serum amyloid A-4 protein (SAA4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SAA4 elisa kit	Description: This Human Serum amyloid A-4 protein (SAA4) ELISA Kit employs a two-site sandwich ELISA to quantitate SAA4 in samples. An antibody specific for SAA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SAA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SAA4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SAA4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Studying the protein and the cDNA, Whitehead et al. (1992) identified a new member of the serum amyloid A protein superfamily, designated SAA4, as constitutive apolipoprotein of high density lipoprotein. Watson et al. (1992) analyzed the structure of the gene and the derived protein structure. Steel et al. (1993) demonstrated that the SAA4 gene is located 9 kb downstream of the SAA2 gene (104751) on chromosome 11. Furthermore, it shares the same 5-prime to 3-prime orientation and has the characteristic 4-exon structure of the other members of the SAA superfamily. By fluorescence in situ hybridization using a cosmid probe carrying the SAA2 and SAA4 genes, Sellar et al. (1994) localized these genes to 11p15.1. De Beer et al. (1996) found that in the mouse the Saa4 gene is linked to the serum amyloid A gene family on chromosome 7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	315075333
NCBI GeneID	6291
NCBI Accession #	NP_006503.2
NCBI GenBank Nucleotide #	NP_006503.2
UniProt Accession #	P35542
NCBI Official Full Name	serum amyloid A-4 protein
NCBI Official Synonym Full Names	serum amyloid A4, constitutive
NCBI Official Symbol	SAA4
NCBI Official Synonym Symbols	CSAA; C-SAA
NCBI Protein Information	serum amyloid A-4 protein
UniProt Protein Name	Serum amyloid A-4 protein
UniProt Gene Name	**SAA4**
UniProt Synonym Gene Names	CSAA; C-SAA
UniProt Entry Name	SAA4_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.

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Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/serum-amyloid-a-4-protein-saa4/330955