

Human Serum amyloid P-component ELISA Kit | APCS elisa kit

Human Serum amyloid P-component ELISA Kit

CATALOG #
AAA98917

REACTIVITY
Human

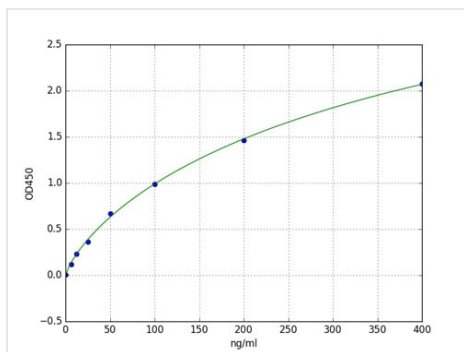
PRODUCT SYNONYMS

Serum amyloid P-component; Human Serum amyloid P-component ELISA Kit; Pentraxin 2/SAP/PTX2/APCS/SAP/9.5S alpha-1-glycoprotein/amyloid P component; serum/MGC88159/serum amyloid P-component/SAPpentaxin-related; APCS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	223
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	6.25-400ng/ml
Sensitivity	3.75ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human Pentraxin 2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	6.25	12.5	25	50	100	200	400
Y	OD450	0.071	0.079	0.102	0.133	0.224	0.449	0.937	1.916

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APCS elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Pentraxin 2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Pentraxin 2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Pentraxin 2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Pentraxin 2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502133
NCBI GeneID	325
NCBI Accession #	NP_001630.1
NCBI GenBank Nucleotide #	NM_001639.3
Molecular Weight	25,387 Da
NCBI Official Full Name	serum amyloid P-component
NCBI Official Synonym Full Names	amyloid P component, serum
NCBI Official Symbol	APCS
NCBI Official Synonym Symbols	SAP; PTX2; HEL-S-92n
NCBI Protein Information	serum amyloid P-component
UniProt Protein Name	Serum amyloid P-component
UniProt Gene Name	APCS
UniProt Synonym Gene Names	PTX2; SAP
UniProt Entry Name	SAMP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apcs-human-elisa-kits/serum-amyloid-p-component/98917>