

Human alpha2-Antiplasmin ELISA Kit | alpha2-AP elisa kit

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CATALOG #
AAA102328

REACTIVITY
Human

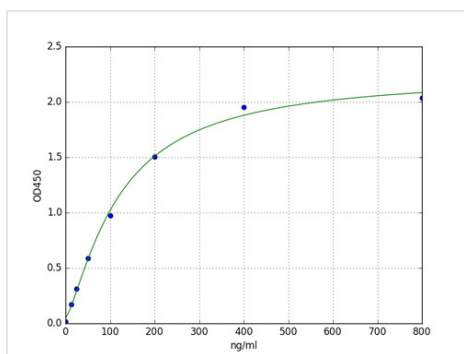
PRODUCT SYNONYMS

alpha2-Antiplasmin; Human alpha2-Antiplasmin ELISA Kit; alpha2-AP/SERPINF2/Serpin F2/alpha 2-Antiplasmin/Alpha-2-AP/Alpha-2-PI/Alpha-2-plasmin inhibitor/pigment epithelium derived factor; a2-Antiplasmin; alpha2-AP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	427
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/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 α 2-AP 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	12.5	25	50	100	200	400	800
Y	OD450	0.004	0.113	0.219	0.401	0.729	1.116	1.635	2.069

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha2-AP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human alpha2- AP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human alpha2-AP 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. HRPStreptavidin 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 ApoH amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human alpha2-AP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260064050
NCBI GeneID	5345
NCBI Accession #	NP_001159393.1
NCBI GenBank Nucleotide #	NM_001165921.1
Molecular Weight	47,907 Da
NCBI Official Full Name	alpha-2-antiplasmin isoform b
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2
NCBI Official Symbol	SERPINF2
NCBI Official Synonym Symbols	AAP; API; PLI; A2AP; ALPHA-2-PI
NCBI Protein Information	alpha-2-antiplasmin
UniProt Protein Name	Alpha-2-antiplasmin
UniProt Gene Name	SERPINF2
UniProt Synonym Gene Names	AAP; PLI; Alpha-2-AP; Alpha-2-PI
UniProt Entry Name	A2AP_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/alpha2-ap-human-elisa-kits/alpha2-antiplasmin/102328>