

Mouse antiplasmin total ELISA Kit | Serpinf2 elisa kit

Mouse antiplasmin total antigen assay ELISA kit

CATALOG #
AAA37832

REACTIVITY
Mouse

PRODUCT SYNONYMS

antiplasmin total; Mouse antiplasmin total antigen assay ELISA kit; Serpinf2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MOGAT1. No significant cross-reactivity or interference between MOGAT1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MOGAT1 and all the analogues, therefore, cross reaction may still exist in some cases.
Form/Format	Complete kit
Sequence Length	491
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Recommended Storage: 4 degree C Minimum Shelf Life: 12 months from manufacture, see label for expiration date Shipping Condition: Cold pack

ADDITIONAL INFORMATION

Related Product Information for Serpinf2 elisa kit	Intended Uses: This MOGAT1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseMOGAT1. This ELISA kit for research use only! Principle of the Assay: MOGAT1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MOGAT1 antibody and an MOGAT1-HRP conjugate. The assay sample and buffer are incubated together with MOGAT1-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 MOGAT1 concentration since MOGAT1 from samples and MOGAT1-HRP conjugate compete for the anti-MOGAT1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MOGAT1 from the sample, fewer sites are left to bind MOGAT1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MOGAT1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Serpinf2 elisa kit	MOUSE ANTIPLASMIN

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679383
NCBI GeneID	18816

NCBI Accession #	NP_032904.1
NCBI GenBank Nucleotide #	NM_008878.2
UniProt Accession #	Q61247
Molecular Weight	54,972 Da
NCBI Official Full Name	alpha-2-antiplasmin
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade F, member 2
NCBI Official Symbol	Serpinf2
NCBI Official Synonym Symbols	Pli; AI747498; Serpimf2
NCBI Protein Information	alpha-2-antiplasmin; serpin F2; alpha-2-AP; alpha-2-PI; alpha 2 antiplasmin; alpha-2-plasmin inhibitor; plasmin inhibitor alpha 2; pigment epithelium derived factor; serine (or cysteine) proteinase inhibitor, clade F, member 2
UniProt Protein Name	Alpha-2-antiplasmin
UniProt Gene Name	Serpinf2
UniProt Synonym Gene Names	Pli; Alpha-2-AP; Alpha-2-PI
UniProt Entry Name	A2AP_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/antiplasmin-total/37832>