

Mouse Apolipoprotein L domain-containing protein 1 (APOLD1) ELISA Kit | APOLD1 elisa kit

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CATALOG # AAA246820	REACTIVITY Mouse
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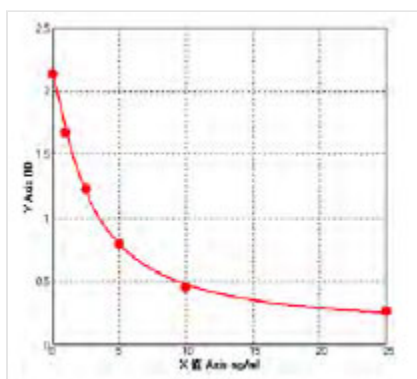
PRODUCT SYNONYMS

Apolipoprotein L domain-containing protein 1 (APOLD1); Mouse Apolipoprotein L domain-containing protein 1 (APOLD1) ELISA Kit; APOLD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of APOLD1. No significant cross-reactivity or interference between APOLD1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between APOLD1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOLD1 elisa kit	Intended Uses: This APOLD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse APOLD1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: APOLD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-APOLD1 antibody and an APOLD1-HRP conjugate. The assay sample and buffer are incubated together with APOLD1-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 APOLD1 concentration since APOLD1 from samples and APOLD1-HRP conjugate compete for the anti-APOLD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by APOLD1 from the sample, fewer sites are left to bind APOLD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOLD1 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194353995
NCBI GeneID	81575
NCBI Accession #	NP_001123887.1
NCBI GenBank Nucleotide #	NM_001130415.1
Molecular Weight	27,063 Da
NCBI Official Full Name	apolipoprotein L domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	apolipoprotein L domain containing 1
NCBI Official Symbol	APOLD1
NCBI Official Synonym Symbols	VERGE
NCBI Protein Information	apolipoprotein L domain-containing protein 1; vascular early response gene protein
UniProt Protein Name	Apolipoprotein L domain-containing protein 1
UniProt Gene Name	APOLD1
UniProt Synonym Gene Names	VERGE
UniProt Entry Name	APLD1_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/mouse-elisa-kits/apolipoprotein-l-domain-containing-protein-1-apold1/246820>