

Mouse ANGPTL3 ELISA Kit | ANGPTL3 elisa kit

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CATALOG # AAA261768	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

ANGPTL3; Mouse ANGPTL3 ELISA Kit; ANGPT5; Angiopoietin-related protein 3; Angiopoietin-5; ANG-5; Angiopoietin-like protein 3; ANGPTL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse ANGPTL3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse ANGPTL3 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	455
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for ANGPTL3 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPTL3 elisa kit

Principle of the Assay||The Mouse ANGPTL3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse ANGPTL3 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse ANGPTL3 coated on a 96-well plate. Standards and samples are pipetted into the wells and ANGPTL3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse ANGPTL3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of ANGPTL3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background/Introduction: ANGPTL3, also known as Angiopoietin-like 3 or HYPLI, is a protein that in humans is encoded by the ANGPTL3 gene. It is mapped to 1p31.3. The protein encoded by this gene is a member of the angiopoietin-like family of secreted factors. It is expressed predominantly in the liver, and has the characteristic structure of angiopoietins, consisting of a signal peptide, N-terminal coiled-coil domain, and the C-terminal fibrinogen (FBN)-like domain. ANGPTL3 also acts as dual inhibitor of lipoprotein lipase (LPL) and endothelial lipase (EL), and increases plasma triglyceride and HDL cholesterol in rodents. It can inhibit endothelial lipase to catalyze HDL-phospholipid and increase HDL-PL levels.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25008124
NCBI GeneID	30924
UniProt Accession #	Q9R182
Molecular Weight	52,543 Da
NCBI Official Full Name	Angiopoietin-related protein 3
NCBI Official Synonym Full Names	angiopoietin-like 3
NCBI Official Symbol	Angptl3
NCBI Official Synonym Symbols	hypl
NCBI Protein Information	angiopoietin-related protein 3
UniProt Protein Name	Angiopoietin-related protein 3
UniProt Gene Name	Angptl3
UniProt Entry Name	ANGL3_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://stage.aaabiotech.com/mouse-elisa-kits/angptl3/261768>