

Mouse Angiopoietin-related protein 6 (ANGPTL6) ELISA Kit | ANGPTL6 elisa kit

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CATALOG #
AAA247086

REACTIVITY
Mouse

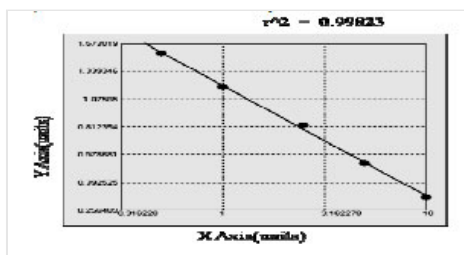
PRODUCT SYNONYMS

Angiopoietin-related protein 6 (ANGPTL6); Mouse Angiopoietin-related protein 6 (ANGPTL6) ELISA Kit; ANGPTL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPTL6 elisa kit

Intended Uses: This ANGPTL6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ANGPTL6. This ELISA kit for research use only!

Principle of the Assay: ANGPTL6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANGPTL6 antibody and an ANGPTL6-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL6-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 ANGPTL6 concentration since ANGPTL6 from samples and ANGPTL6-HRP conjugate compete for the anti-ANGPTL6 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL6 from the sample, fewer sites are left to bind ANGPTL6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANGPTL6 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	29893555
NCBI GeneID	83854
NCBI Accession #	NP_114123.2
NCBI GenBank Nucleotide #	NM_031917.2
Molecular Weight	51,694 Da
NCBI Official Full Name	angiopoietin-related protein 6
NCBI Official Synonym Full Names	angiopoietin-like 6
NCBI Official Symbol	ANGPTL6
NCBI Official Synonym Symbols	AGF; ARP5
NCBI Protein Information	angiopoietin-related protein 6; angiopoietin-like protein 6; angiopoietin-related protein 5; angiopoietin-related growth factor
UniProt Protein Name	Angiopoietin-related protein 6
UniProt Gene Name	ANGPTL6
UniProt Synonym Gene Names	AGF; ARP5; UNQ152/PRO178
UniProt Entry Name	ANGL6_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://www.aaabiotech.com/mouse-elisa-kits/angiopoietin-related-protein-6-angptl6/247086>