

Guinea Pig Angiopoietin Like Protein 3 ELISA Kit | ANGPTL3 elisa kit

Guinea pig Angiopoietin Like Protein 3 ELISA Kit

CATALOG #
AAA81997

REACTIVITY
Guinea Pig

PRODUCT SYNONYMS

Angiopoietin Like Protein 3; Guinea pig Angiopoietin Like Protein 3 ELISA Kit; ANGPTL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ANGPTL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig ANGPTL3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPTL3 elisa kit

Principle of the assay: ANGPTL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANGPTL3 antibody and an ANGPTL3-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL3-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 ANGPTL3 concentration since ANGPTL3 from samples and ANGPTL3-HRP conjugate compete for the anti-ANGPTL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL3 from the sample, fewer sites are left to bind ANGPTL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ANGPTL3 elisa kit

[Cardiovascular](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656888
NCBI GeneID	27329

NCBI Accession #	NP_055310.1
NCBI GenBank Nucleotide #	NM_014495.3
Molecular Weight	53,637 Da
NCBI Official Full Name	angiopoietin-related protein 3 preproprotein
NCBI Official Synonym Full Names	angiopoietin-like 3
NCBI Official Symbol	ANGPTL3
NCBI Official Synonym Symbols	ANL3; ANG-5; FHBL2; ANGPT5
NCBI Protein Information	angiopoietin-related protein 3; angiopoietin 5
UniProt Protein Name	Angiopoietin-related protein 3
UniProt Gene Name	ANGPTL3
UniProt Synonym Gene Names	ANGPT5; UNQ153/PRO179; ANG-5
UniProt Entry Name	ANGL3_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/angptl3-guinea-pig-pig-elisa-kits/angiopoietin-like-protein-3/81997>