Goat Angiopoietin Like Protein 4 ELISA Kit | ANGPTL4 elisa kit

Goat Angiopoietin Like Protein 4 ELISA Kit

CATALOG #	REACTIVITY
AAA91773	**Goat**

PRODUCT SYNONYMS

Angiopoietin Like Protein 4; Goat Angiopoietin Like Protein 4 ELISA Kit; ANGPTL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ANGPTL4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat ANGPTL4. 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 ANGPTL4 elisa kit	**Principle of the Assay:** ANGPTL4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANGPTL4 antibody and an ANGPTL4-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL4-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 ANGPTL4 concentration since ANGPTL4 from samples and ANGPTL4-HRP conjugate compete for the anti-ANGPTL4 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL4 from the sample, fewer sites are left to bind ANGPTL4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL4 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ANGPTL4 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	89264696
NCBI GeneID	51129
NCBI Accession #	NP_001034756.1

NCBI GenBank Nucleotide #	NM_001039667.2
Molecular Weight	26,853 Da
NCBI Official Full Name	angiopoietin-related protein 4 isoform b
NCBI Official Synonym Full Names	angiopoietin-like 4
NCBI Official Symbol	ANGPTL4
NCBI Official Synonym Symbols	NL2; ARP4; FIAF; HARP; PGAR; HFARP; TGQTL; UNQ171; pp1158; ANGPTL2
NCBI Protein Information	angiopoietin-related protein 4; fasting-induced adipose factor; PPARG angiopoietin related protein; hepatic angiopoietin-related protein; hepatic fibrinogen/angiopoietin-related protein; peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin-related protein
UniProt Protein Name	Angiopoietin-related protein 4
UniProt Gene Name	**ANGPTL4**
UniProt Synonym Gene Names	ARP4; HFARP; PGAR; PP1158; PSEC0166; UNQ171/PRO197; HFARP
UniProt Entry Name	ANGL4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/angptl4-goat-elisa-kits/angiopoietin-like-protein-4/91773