

Human Angiopoietin Like Protein 4 ELISA Kit | ANGPTL4 elisa kit

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CATALOG #
AAA85810

REACTIVITY
Human

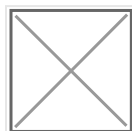
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANGPTL4. No significant cross-reactivity or interference between ANGPTL4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANGPTL4 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 or Sandwich
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 ANGPTL4 elisa kit	Intended Uses: This ANGPTL4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ANGPTL4. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ANGPTL4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ANGPTL4. Standards or samples are then added to the microtiter plate wells and ANGPTL4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ANGPTL4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ANGPTL4 are added to each well to "sandwich" the ANGPTL4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ANGPTL4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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-human-elisa-kits/angiopoietin-like-protein-4/85810>