

Human angiopoietin-like 4 ELISA Kit | ANGPTL4 elisa kit

Human Angiopoietin-related protein 4, ANGPTL4 ELISA Kit

CATALOG #
AAA112361

REACTIVITY
Human

PRODUCT SYNONYMS

angiopoietin-like 4; Human Angiopoietin-related protein 4; ANGPTL4 ELISA Kit; Human Angiopoietin-related protein 4 (ANGPTL4) ELISA kit; ANGPTL2; ARP4; FIAF; HFARP; NL2; PGAR; pp1158; PPARG angiopoietin related protein; angiopoietin-like 4 protein; fasting-induced adipose factor; hepatic angiopoietin-related protein; hepatic fibrinogen/a; ANGPTL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ANGPTL4. No significant cross-reactivity or interference between human ANGPTL4 and analogues was observed.
Sequence Length	368
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for ANGPTL4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANGPTL4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANGPTL4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANGPTL4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ANGPTL4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	89264696
NCBI GeneID	51129
NCBI Accession #	NP_001034756.1
NCBI GenBank Nucleotide #	NM_001039667.2
UniProt Accession #	Q9BY76; Q53HQ6; Q53HU1; Q6UXN0; Q9HBV4; Q9NZU4; Q9Y5B3; A8MY84; B4E089; D6W670; F5H0I2

Molecular Weight	45,214 Da
NCBI Official Full Name	angiotensin-converting enzyme 2 isoform b
NCBI Official Synonym Full Names	angiotensin-converting enzyme 2
NCBI Official Symbol	ANGPTL4
NCBI Official Synonym Symbols	NL2; ARP4; FIAF; HARP; PGAR; HFARP; TGQTL; UNQ171; pp1158; ANGPTL2
NCBI Protein Information	angiotensin-converting enzyme 2; fasting-induced adipose factor; PPARG angiotensin related protein; hepatic angiotensin-converting enzyme 2; hepatic fibrinogen/angiotensin-converting enzyme 2; peroxisome proliferator-activated receptor (PPAR) gamma induced angiotensin-converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
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://www.aaabiotech.com/angptl4-human-elisa-kits/angiotensin-like-4/112361>