

Human Annexin A1 ELISA Kit | ANXA1 elisa kit

Human Annexin A1 PicoKine ELISA Kit

CATALOG #
AAA125042

REACTIVITY
Human

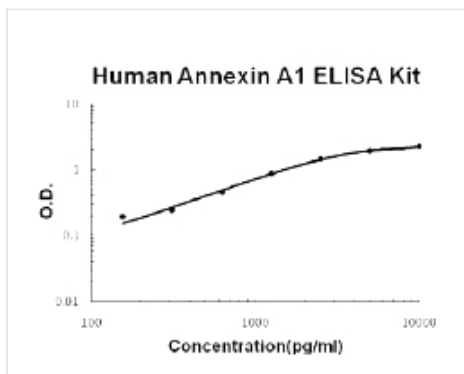
PRODUCT SYNONYMS

Annexin A1; Human Annexin A1 PicoKine ELISA Kit; Human Annexin A1; ANXA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human ANGPTL6
Sequence Length	346
Samples	Cell Culture Supernates, Serum And Plasma(Heparin Or Edta)
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANXA1 elisa kit	Principle of the Assay: The Picokine Human ANGPTL6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human ANGPTL6 with a 96-well strip plate that is pre-coated with antibody specific for ANGPTL6. The detection antibody is a biotinylated antibody specific for ANGPTL6. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human ANGPTL6 with immunogen: Expression system for standard: CHO, Immunogen sequence: Ala20-Leu470. The kit is analytically validated with ready to use reagents. To measure Human ANGPTL6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human ANGPTL6 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human ANGPTL6 in the sample!!Background/Introduction: Angiopoietin-like 6 (ANGPTL6), also known as angiopoietin-related growth factor (AGF), is a secreted 50 kDa protein that contains a coiled-coil domain and a fibrinogen-like domain. It is mapped to 19p13.2. ANGPTL6 is highly expressed in hepatocytes and is detectable in serum. Within the liver, secreted ANGPTL6 inhibits gluconeogenesis and promotes insulin sensitivity and energy expenditure. Circulating ANGPTL6 promotes the chemotaxis of vascular endothelial cells resulting in increased vascular permeability and angiogenesis. An integrin?-binding RGD motif located within the fibrinogen-?like domain of ANGPTL6, enables it to promote skin wound healing by mediating the adhesion and migration of keratinocytes, fibroblasts, and endothelial cells. Elevated levels of ANGPTL6 in serum are associated with metabolic syndrome, diabetes, and preeclampsia. Serum ANGPTL6 levels are also elevated during obesity. ANGPTL6 is reported to promote the survival and expansion of hematopoietic stem cells. ANGPTL6 is produced by several hematopoietic cell types including megakaryocytes, platelets, mast cells, and uterine NK cells. Mature human ANGPTL6 shares 75% sequence identity with both mouse and rat ANGPTL6.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691.1
NCBI GenBank Nucleotide #	NM_000700.3
UniProt Accession #	P04083
NCBI Official Full Name	annexin A1
NCBI Official Synonym Full Names	annexin A1
NCBI Official Symbol	ANXA1
NCBI Official Synonym Symbols	ANX1; LPC1
NCBI Protein Information	annexin A1

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/human-elisa-kits/annexin-a1/125042>