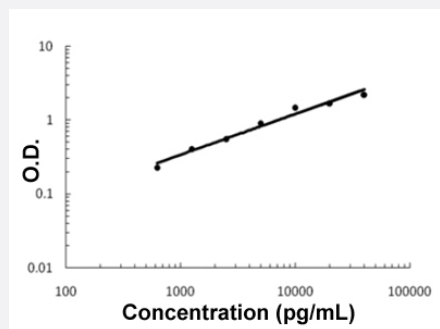


# ANGPTL4 (Human) ELISA Kit

Catalog # KA5564

Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

<b>Product Description</b>	ANGPTL4 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human ANGPTL4.
<b>Suitable Sample</b>	Cell Culture Supernates, Cell Lysates, Plasma (EDTA, Heparin) and Serum
<b>Sample Volume</b>	100 $\mu$ L
<b>Label</b>	HRP-conjugated
<b>Detection Method</b>	Colorimetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	625 to 40000 pg/mL
<b>Reactivity</b>	Human
<b>Regulatory Status</b>	For research use only (RUO)
<b>Quality Control Testing</b>	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
<b>Storage Instruction</b>	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

## Applications

- Quantification

## Gene Info — ANGPTL4

Entrez GeneID [51129](#)

Protein Accession# [Q9BY76](#)

Gene Name ANGPTL4

Gene Alias ANGPTL2, ARP4, FIAF, HFARP, NL2, PGAR, pp1158

Gene Description angiopoietin-like 4

Omim ID [605910](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq]

**Other Designations** PPARG angiopoietin related protein|angiopoietin-like 4 protein|angiopoietin-related protein 4|fasting-induced adipose factor|hepatic angiopoietin-related protein|hepatic fibrinogen/angiopoietin-related protein|peroxisome proliferator-activated receptor (P

## Pathway

- [PPAR signaling pathway](#)

## Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Syndrome](#)
- [Weight Gain](#)