

Datasheet for ABIN6720260
ANGPTL4 ELISA Kit

1 Image

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Overview

Quantity:	1 kit
Target:	ANGPTL4
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	625 pg/mL - 40000 pg/mL
Minimum Detection Limit:	625 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: 425018 1, Angiopoietin like 4, Angiopoietin related protein 4, ANGPT L2 , ANGPT L4, ANGPTL2, ANGPTL4 , Fasting induced adipose factor , FIAF, Fibrinogen/angiopoietin related protein, Hepatic fibrinogen/angiopoietin related protein , HFARP, Major histocompatibility complex region NG27, NL2, Peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin related protein , PGAR, pp1158 , PPARG angiopoietin related protein , PSEC0166 , Secreted protein Bk89, Weakly similar to angiopoietin 1</p> <p>Background: Angiopoietin-related protein 4(Angptl4) is a protein that in humans is encoded by the ANGPTL4 gene. This gene is a member of the angiopoietin/angiopoietin-like gene family</p>

Product Details

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. By radiation hybrid analysis, Angptl4 gene is mapped to 19p13.3.

ANGPTL4 contributed to tumor growth and protected cells from anoikis, a form of programmed cell death induced when contact-dependent cells detach from the surrounding tissue matrix.

Gene Name: ANGPTL4

Production: Natural and recombinant human ANGPTL4. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: L165-S406

Target Details

Target:	ANGPTL4
Alternative Name:	ANGPTL4 (ANGPTL4 Products)
Gene ID:	51129
NCBI Accession:	NP_001034756
UniProt:	Q9BY76
Pathways:	Regulation of Lipid Metabolism by PPARalpha

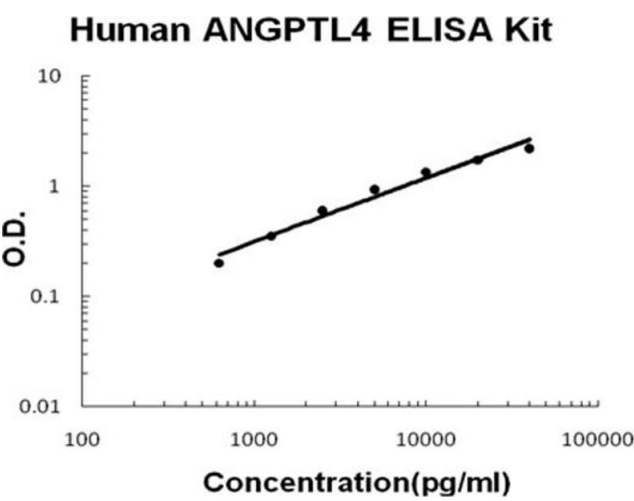
Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 40000pg/mL, 20000pg/mL, 10000pg/mL, 5000pg/mL, 2,500pg/mL, 1,250pg/mL, 625pg/mL human ANGPTL4 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human ANGPTL4 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 625pg/mL-40000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images



ELISA

Image 1. Human ANGPTL4 Accusignal ELISA Kit Human ANGPTL4 AccuSignal ELISA Kit standard curve. Assay Range: 625pg/ml-40000pg/ml. Sensitivity: <20pg/ml.