

Human ANGPTL4 AccuSignal ELISA Kit - KOA0590

Code: KOA0590

Size: 1 Kit

Product Description: Human ANGPTL4 AccuSignal ELISA Kit - KOA0590

PhysicalState:

Label	Unconjugated
Gene Name	ANGPTL4
Species Reactivity	Human
Storage Condition	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.
Synonyms	425O18 1, Angiotensin like 4, Angiotensin related protein 4, ANGPT L2 , ANGPT L4, ANGPTL2, ANGPTL4 , Fasting induced adipose factor , FIAF, Fibrinogen/angiotensin related protein, Hepatic fibrinogen/angiotensin related protein , HFARP, Major histocompatibility complex region NG27, NL2, Peroxisome proliferator-activated receptor (PPAR) gamma induced angiotensin related protein , PGAR, pp1158 , PPARG angiotensin related protein , PSEC0166 , Secreted protein Bk89, Weakly similar to angiotensin 1
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml 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 pre-coated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml 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.
Background	Angiotensin-related protein 4 (Angptl4) is a protein that in humans is encoded by the ANGPTL4 gene. This gene is a member of the angiotensin/angiotensin-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. 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.
Purity And Specificity	Natural and recombinant human ANGPTL4. There is no detectable cross-reactivity with other relevant proteins.
ELISA	625pg/ml-40000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: L165-S406
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q9BY76

<http://www.uniprot.org/uniprot/Q9BY76>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001034756.1

GeneID - 51129

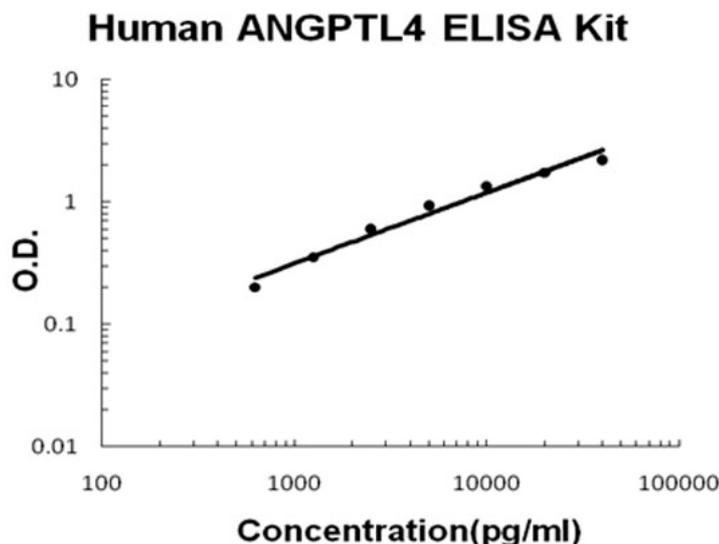
<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=51129>

KOA0590 Protocol <http://www.rockland-inc.com/uploadedfiles/Support/KOA0590-%20SZ.pdf>

Images

1

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



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.