

**Mouse ANGPTL3 AccuSignal ELISA Kit - KOA0816**
**Code:** KOA0816

**Size:** 1 Kit

**Product Description:** Mouse ANGPTL3 AccuSignal ELISA Kit - KOA0816

**PhysicalState:**

<b>Label</b>	Unconjugated
<b>Gene Name</b>	ANGPTL3
<b>Species Reactivity</b>	Mouse
<b>Storage Condition</b>	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.
<b>Synonyms</b>	ANG 5, ANG-5, ANG5, Angiotensin 5, Angiotensin like 3, Angiotensin related protein 3, Angiotensin-5, Angiotensin-like protein 3, Angiotensin-related protein 3, ANGL3_HUMAN, ANGPT5, ANGPTL3, ANL3, FHBL2, OTTHUMP00000010719, UNQ153/PRO179
<b>Application Note</b>	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml mouse ANGPTL3 standard solutions into the precoated 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 mouse cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse ANGPTL3 standard solution and each sample be measured in duplicate.
<b>Background</b>	ANGPTL3, also known as Angiotensin-like 3 or HYPLI, is a protein that in humans is encoded by the ANGPTL3 gene. It is mapped to 1p31.3. The protein encoded by this gene is a member of the angiotensin-like family of secreted factors. It is expressed predominantly in the liver, and has the characteristic structure of angiotensins, consisting of a signal peptide, N-terminal coiled-coil domain, and the C-terminal fibrinogen (FBN)-like domain. ANGPTL3 also acts as dual inhibitor of lipoprotein lipase (LPL) and endothelial lipase (EL), and increases plasma triglyceride and HDL cholesterol in rodents. It can inhibit endothelial lipase to catalyze HDL-phospholipid and increase HDL-PL levels.
<b>Purity And Specificity</b>	Natural and recombinant mouse ANGPTL3. There is no detectable cross-reactivity with other relevant proteins.
<b>ELISA</b>	156pg/ml-10,000pg/ml
<b>Expiration</b>	See kit insert for complete instructions.
<b>Immunogen</b>	Expression system for standard: sf21; Immunogen sequence: S17-T455
<b>Anti-Coagulant</b>	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 - Q9R182

<http://www.uniprot.org/uniprot/Q9R182>

NCBI - NP\_038941.1

[http://www.ncbi.nlm.nih.gov/protein/NP\\_038941.1](http://www.ncbi.nlm.nih.gov/protein/NP_038941.1)

GeneID - 30924

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=30924>

KOA0816 Protocol <http://www.rockland-inc.com/uploadedfiles/Support/KOA0816-%20SZ.pdf>

## **Disclaimer**

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