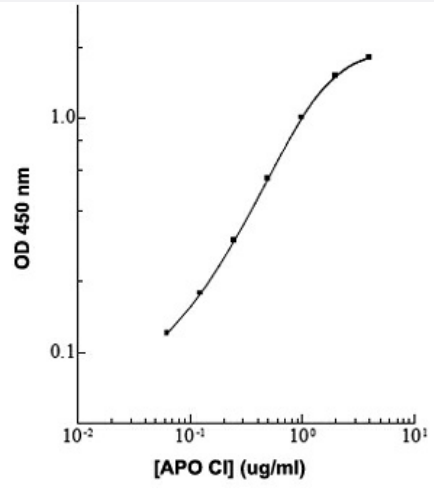
APOC1 (Human) ELISA Kit

Catalog # KA0463 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

Product Description	APOC1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human APOC1.
Suitable Sample	Cell culture samples, Cell lysates, Plasma, Serum
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.063 to 4 ug/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

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Applications

- Quantification

Gene Info — APOC1

Entrez GeneID	341
Gene Name	APOC1
Gene Alias	-
Gene Description	apolipoprotein C-I
Omim ID	107710
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the apolipoprotein C1 family. This gene is expr essed primarily in the liver, and it is activated when monocytes differentiate into macrophages. A pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chrom osome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cl uster. Alternatively spliced transcript variants have been found for this gene, but the biological vali dity of some variants has not been determined. [provided by RefSeq
Other Designations	-

Publication Reference

- Testing breast cancer serum biomarkers for early detection and prognosis in pre-diagnosis samples.

  Kazarian A, Blyuss O, Metodieva G, Gentry-Maharaj A, Ryan A, Kiseleva EM, Prytomanova OM, Jacobs IJ, Widschwendter M, Menon U, Timms JF.

  British Journal of Cancer 2017 Feb; 116(4):501.

  Application: Quant, Human, Serum from patients with breast cancer

- The majority of lipoprotein lipase in plasma is bound to remnant lipoproteins: A new definition of remnant lipoproteins.

  Sato K, Okajima F, Miyashita K, Imamura S, Kobayashi J, Stanhope KL, Havel PJ, Macida T, Sumino H, Murakami M, Schaefer E, Nakajima K.

  Clinica Chimica Acta 2016 Oct; 461:114.

  Application: ELISA, Human, Plasma

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- Molecular mechanism of the blockade of plasma cholesteryl ester transfer protein by its physiological inhibitor apolipoprotein CI.

  Dumont L, Gautier T, de Barros JP, Laplanche H, Blache D, Ducoroy P, Fruchart J, Fruchart JC, Gambert P, Masson D, Lagrost L.

  The Journal of Biological Chemistry 2005 Nov; 280(45):38108.

- Human apolipoprotein C-I accounts for the ability of plasma high density lipoproteins to inhibit the cholesteryl ester transfer protein activity.

  Gautier T, Masson D, de Barros JP, Athias A, Gambert P, Aunis D, Metz-Boutigue MH, Lagrost L.

  The Journal of Biological Chemistry 2000 Dec; 275(48):37504.

- Characterisation of mRNAs encoding the precursor for human apolipoprotein CI.

  Knott TJ, Robertson ME, Priestley LM, Urdea M, Wallis S, Scott J.

  Nucleic Acids Research 1984 May; 12(9):3909.

Disease

- Alzheimer disease
- Atherosclerosis
- Carcinoma
- Cardiovascular Diseases
- Cholelithiasis
- Cognition
- Coronary Artery Disease
- Coronary Disease
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression

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- Edema
- Gallstones
- Genetic Predisposition to Disease
- Hepatitis C
- Hypercholesterolemia
- Hyperlipidemias
- Hypertension
- Hypertriglyceridemia
- Inflammation
- Kidney Neoplasms
- Memory
- Memory Disorders
- Mental Status Schedule
- Multiple Sclerosis
- Myocardial Infarction
- Neuropsychological Tests
- Obesity
- Psychiatric Status Rating Scales
- Psychomotor Performance
- Verbal Learning
- Visual Perception

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