

Product Datasheet

Human Apolipoprotein A-I/ApoA1 ELISA Kit (Colorimetric) KA0460

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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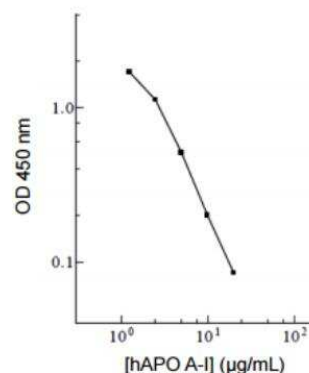


KA0460**Human Apolipoprotein A-I/ApoA1 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	APOA1 (Human) ELISA Kit is a competitive enzyme immunoassay for the quantitative measurement of human APOA1 in plasma, serum.
Gene ID	335
Gene Symbol	APOA1
Species	Human
Kit Components	Human Apolipoprotein A-I Microplate: A 96-well polystyrene microplate (12 strips of 8 wells) coated with a polyclonal antibody against human Apo-AI., Sealing Tapes: Pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Human Apolipoprotein A-I Standard: Human Apo-AI in a buffered protein base, lyophilized., Biotinylated Human Apolipoprotein A-I Protein (2x): lyophilized., MIX Diluent Concentrate (10x): A 10-fold concentrated buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., SP Conjugate (100x): A 100-fold concentrate., Chromogen Substrate (1x): A stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution (1x): A 0.5 N hydrochloric acid solution to stop the chromogen substrate reaction.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	1.25 to 40 ug/mL
Sensitivity	0.13 ug/mL
Inter Assay	CV% < 7.30%
Intra Assay	CV% < 4.60%
Assay Type	Competitive ELISA
Spiking Recovery	96.00%
Suitable Sample Type	Plasma, Serum
Sample Volume	25 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Images

ELISA: Apolipoprotein A-I/ApoA1 ELISA Kit [Biotin] [KA0460] - Standard curve



Publications

Montanola A, de Retana SF, Lopez-Rueda A et al. ApoA1, ApoJ and ApoE Plasma Levels and Genotype Frequencies in Cerebral Amyloid Angiopathy. *Neuromolecular Med* 2016-03-01 [PMID: 26661731]

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Shao B, Oda MN, Vaisar T et al. Pathways for oxidation of high-density lipoprotein in human cardiovascular disease. *Curr Opin Mol Ther* 2006-06-01 [PMID: 16774039]

Castle JW, Kent KP, Fan Y et al. Therapeutic ultrasound: Increased HDL-Cholesterol following infusions of acoustic microspheres and apolipoprotein A-I plasmids. *Atherosclerosis* 2015-07-01 [PMID: 25969892] (ICC/IF)

De Bock M, Beguin Y, Leprince P et al. Comprehensive plasma profiling for the characterization of graft-versus-host disease biomarkers. *Talanta*. 2014-03-18 [PMID: 24840443]

Chiang SL, Ou TT, Wu YJ et al. Increased level of MSU crystal-bound protein apolipoprotein A-I in acute gouty arthritis. *Scand J Rheumatol*. 2014-09-02 [PMID: 25178483]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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