

Product Datasheet

Rat Adiponectin/Acrp30 ELISA Kit (Colorimetric) KA1026

Unit Size: 1 Kit

Store at -20C. Avoid freeze-thaw cycles.

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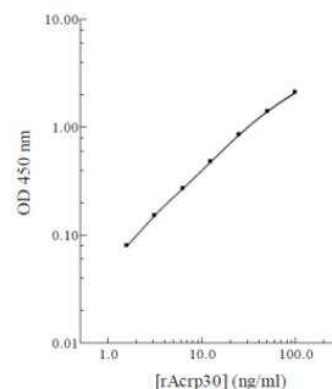


KA1026**Rat Adiponectin/Acrp30 ELISA Kit (Colorimetric)**

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	Store at -20C. Avoid freeze-thaw cycles.
Product Description	
Description	Adipoq (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat adipoq in urine, plasma, serum, and cell culture supernatants.
Gene ID	9370
Gene Symbol	ADIPOQ
Species	Rat
Kit Components	Human alpha-Fetoprotein Microplate: A 96-well polystyrene microplate (12 strips of 8 wells) coated with a polyclonal antibody against human alpha-fetoprotein., Sealing Tapes: Pressure sensitive sealing tapes that can be cut to fit the format of the individual assay., Human alpha-Fetoprotein Standard: Human alpha-fetoprotein in a buffered protein base, lyophilized., Biotinylated Human alpha-Fetoprotein Antibody (50x): A 50-fold concentrated biotinylated polyclonal antibody against human alpha-fetoprotein., 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	1.563 to 100 ng/mL
Sensitivity	1.1 ng/mL
Inter Assay	CV% < 7.50%
Intra Assay	CV% < 4.30%
Assay Type	Sandwich ELISA
Spiking Recovery	99%
Suitable Sample Type	Cell Culture Supernatant, Plasma, Serum, Urine
Sample Volume	50 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Images

ELISA: Adiponectin/Acrp30 ELISA Kit [HRP] [KA1026] - Standard curve



Publications

Kojima S, Funahashi T, Sakamoto T et al. The variation of plasma concentrations of a novel, adipocyte derived protein, adiponectin, in patients with acute myocardial infarction. *Heart*. 2003-06-01 [PMID: 12748233]

Zoccali C, Mallamaci F, Panuccio V et al. Adiponectin is markedly increased in patients with nephrotic syndrome and is related to metabolic risk factors. *Kidney Int Suppl*. 2003-05-01 [PMID: 12694320]

Pannacciulli N, Vettor R, Milan G et al. Anorexia nervosa is characterized by increased adiponectin plasma levels and reduced nonoxidative glucose metabolism. *J Clin Endocrinol Metab*. 2003-04-01 [PMID: 12679468]

Vattam KK, Raghavendran H, Murali MR et al. Coadministration of alloxan and nicotinamide in rats produces biochemical changes in blood and pathological alterations comparable to the changes in type II diabetes mellitus. *Hum Exp Toxicol* 2015-10-01 [PMID: 26429928] (Rat)





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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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