Human Adiponectin/ACRP30/apM-1 ELISA Kit (2 plates)

Catalogue No.: BEK-2120-2P

Description: The human Adiponectin Kit is a sandwich ELISA. The capture antibody is a monoclonal anti-human Adiponectin antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known Adiponectin concentration are added to these wells and allowed to complex with the bound Adiponectin antibody. A biotinylated anti-human Adiponectin polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Adiponectin present in the samples. The purpose of this kit is for the quantitative detection of Human Adiponectin in cell culture supernatants, serum, heparin or EDTA treated plasma, and urine when used as directed This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

Batch No.: See product labels

Antigen: Assay standard and immunogen is recombinant human adiponectin amino acids 19-244 expressed in and purified from a mammalian cell expression system.

Other Names: Adipocyte; C1q and collagen domain-containing protein; ADIPOQ; Adipocyte complement-related 30 kDa protein; ACRP30; ACDC; ACRP30; APM1; GBP28;

Accession: Q15848 ADIPO_HUMAN;

Applications: ELISA

Specificity: Human Adiponectin

Storage: Store at 4°C

Kit components: The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

Range: 1.56ng/ml-100ng/ml

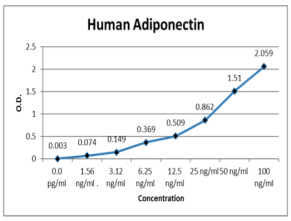
Sensitivity: < 60 pg/ml

Kit protocol: Please refer to our online product listing for current protocol/MSDS versions.

IX: Typical Standard Curve (for reference only, not to be used for actual data)

Concentration pg/ml	0.0 pg/ml	1.56 ng/ml	3.12 ng/ml	6.25 ng/ml	12.5 ng/ml	25 ng/ml	50 ng/ml	100 ng/ml
O.D.	0.003	0.074	0.149	0.369	0.509	0.862	1.510	2.059

This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.



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