Mouse Adiponectin ELISA Kit (2 plates)

Catalogue No.: BEK-2140-2P

Description: The mouse Adiponectin Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse Adiponectin antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known Adiponectin concentration are added to these wells and allowed to complex with the bound Adiponectin antibody. A biotinylated mouse 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 the in-vitro quantitative determination of mouse Adiponectin in samples such as sera, plasma, tissue lysates and cell culture supernates. 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

Other Names: 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipocyte-specific protein AdipoQ; Adipoq; Acdc; Acrp30; Apm1;

Accession: Q60994 ADIPO_MOUSE;

Specificity: Mouse Adiponectin

Storage: Store at 4°C

Specific References: Park JH et al. (2014) Anti-Adipogenic Activity of Ailanthoidol on 3T3-L1 Adipocytes. Biomedical Science Letters 2014;20:62-69

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: 0.312 ng/ml - 20 ng/ml

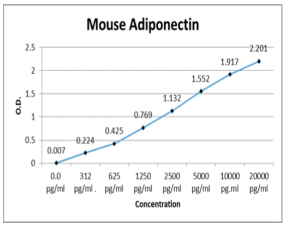
Sensitivity: < 10 pg/ml

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	312 pg/ml .	625 pg/ml	1250 pg/ml	2500 pg/ml	5000 pg/ml	10000 pg.ml	20000 pg/ml
O.D.	0.007	0.224	0.425	0.769	1.132	1.552	1.917	2.201

Data obtained after TMB reaction of 25 minutes @ 37°C



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

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