

Mouse Adiponectin ELISA Kit | ADIPOQ elisa kit

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CATALOG #
AAA85268

REACTIVITY
Mouse

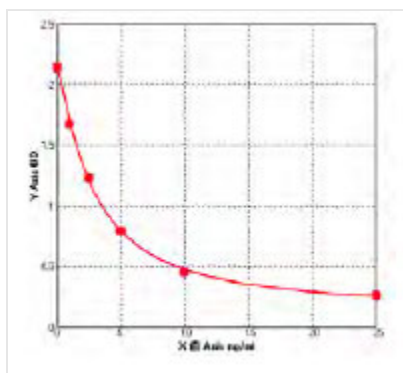
PRODUCT SYNONYMS

Adiponectin; Mouse Adiponectin ELISA Kit; ADIPOQ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADIPOQ elisa kit

Intended Uses: This APN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse APN. This ELISA kit for research use only!

Principle of the Assay: APN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APN antibody and an APN-HRP conjugate. The assay sample and buffer are incubated together with APN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the APN concentration since APN from samples and APN-HRP conjugate compete for the anti-APN antibody binding site. Since the number of sites is limited, as more sites are occupied by APN from the sample, fewer sites are left to bind APN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757760
NCBI GeneID	9370
NCBI Accession #	NP_004788.1
NCBI GenBank Nucleotide #	NM_004797.3
Molecular Weight	26,414 Da
NCBI Official Full Name	adiponectin
NCBI Official Synonym Full Names	adiponectin, C1Q and collagen domain containing
NCBI Official Symbol	ADIPOQ
NCBI Official Synonym Symbols	ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1
NCBI Protein Information	adiponectin; gelatin-binding protein 28; adipose specific collagen-like factor; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipose most abundant gene transcript 1 protein
UniProt Protein Name	Adiponectin
UniProt Gene Name	ADIPOQ
UniProt Synonym Gene Names	ACDC; ACRP30; APM1; GBP28; ACRP30; apM-1
UniProt Entry Name	ADIPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/adiponectin/85268>