

Bovine ADP (Adiponectin) ELISA Kit | ADP elisa kit

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CATALOG #
AAA250356

REACTIVITY
Bovine

PRODUCT SYNONYMS

ADP (Adiponectin); Bovine ADP (Adiponectin) ELISA Kit; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1 protein; apM-1; ADIPOQ; APM1; ADP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of ADP/Acrp30. No significant crossreactivity or interference between ADP/Acrp30 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	23.438-1500pg/ml
Sensitivity	14.063pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for ADP elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27807433
NCBI GeneID	282865
NCBI Accession #	NP_777167.1
NCBI GenBank Nucleotide #	NM_174742.2
UniProt Accession #	Q3Y5Z3; Q95MQ4; A5D7A8
Molecular Weight	26,133 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	APM1; ACRP30
NCBI Protein Information	adiponectin
UniProt Protein Name	Adiponectin
UniProt Gene Name	ADIPOQ
UniProt Synonym Gene Names	ACRP30; APM1; ACRP30; apM-1

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/bovine-ovine-elisa-kits/adp-adiponectin/250356>