

Chicken Adiponectin (ADPN) CLIA Kit | ADPN clia kit

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CATALOG # AAA151221	REACTIVITY Chicken
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PRODUCT SYNONYMS

Adiponectin (ADPN); Chicken Adiponectin (ADPN) CLIA Kit; ADPN/Adiponectin; GBP28; ApM1; AdipoQ; Acrp30; ACDC; APM1; C1Q And Collagen Domain Containing; Adipocyte Complement-Related Protein Of 30 KDa; Adipose Most Abundant Gene Transcript 1; ADPN clia kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of adiponectin. No significant cross-reactivity or interference between adiponectin and analogues was observed.
Samples	Gallus serum, plasma and other biological fluids
Detection Range	10.97-8,000pg/mL
Sensitivity	< 4.73pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level adiponectin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level adiponectin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term(within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

ADDITIONAL INFORMATION

Related Product Information for ADPN clia kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to adiponectin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to adiponectin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the adiponectin level in the sample or standard. Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of adiponectin in gallus serum, plasma and other biological fluids.
Product Categories/Family for ADPN clia kit	Metabolic pathway; Infection immunity; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	46195854
NCBI GeneID	404536

NCBI Accession #	NP_996874.1
NCBI GenBank Nucleotide #	NM_206991.1
UniProt Accession #	Q6QWE7
Molecular Weight	26,461 Da
NCBI Official Full Name	adiponectin
NCBI Official Synonym Full Names	adiponectin, C1Q and collagen domain containing
NCBI Official Symbol	ADIPOQ
NCBI Protein Information	adiponectin
UniProt Protein Name	Adiponectin
UniProt Gene Name	ADIPOQ

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://stage.aaabiotech.com/chicken-clia-kits/adiponectin-adpn/151221>