

Canine Adiponectin (ADP) ELISA Kit | ADP elisa kit

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CATALOG #
AAA14042

REACTIVITY
Canine

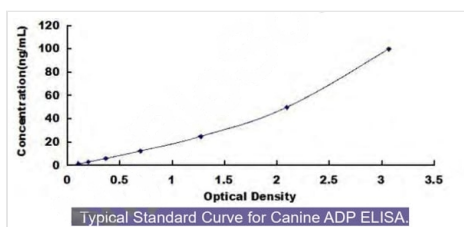
PRODUCT SYNONYMS

Adiponectin (ADP); Canine Adiponectin (ADP) ELISA Kit; ADP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of ADP. No significant cross-reactivity or interference between ADP and analogues was observed.
Sequence Length	244
Assay Type	Quantitative Sandwich
Samples	Canine serum, plasma or other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.68ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADP 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 ADP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADP elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of ADP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ADP in canine serum, plasma or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792748
NCBI GeneID	403625
NCBI Accession #	NP_001006645.1
NCBI GenBank Nucleotide #	NM_001006644.1
UniProt Accession #	Q76C76
Molecular Weight	26,361 Da
NCBI Official Full Name	adiponectin
NCBI Official Symbol	ADIPOQ
NCBI Official Synonym Symbols	ACDC; APM1
NCBI Protein Information	adiponectin
UniProt Protein Name	Adiponectin
UniProt Gene Name	apM1

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.