

Dog apolipoprotein A-I ELISA Kit | APOA1 elisa kit

Dog Apolipoprotein A-I, APOA1 ELISA Kit

CATALOG #
AAA113029

REACTIVITY
Dog

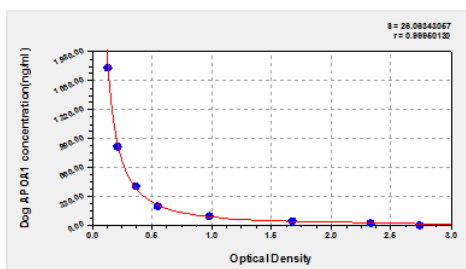
PRODUCT SYNONYMS

apolipoprotein A-I; Dog Apolipoprotein A-I; APOA1 ELISA Kit; Dog Apolipoprotein A-I (APOA1) ELISA kit; MGC117399; OTTHUMP00000069346; OTTHUMP00000069347; OTTHUMP00000069348; APOA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog APOA1. No significant cross-reactivity or interference between dog APOA1 and analogues was observed.
Sequence Length	266
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	28.12 ng/ml -1800 ng/ml.
Sensitivity	The minimum detectable dose of dog APOA1 is typically less than 7 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APOA1 elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with APOA1. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for APOA1. The competitive inhibition reaction is launched between with pre-coated APOA1 and APOA1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of APOA1 in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3915607
UniProt Accession #	P02648
Molecular Weight	30,196 Da
NCBI Official Full Name	Apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
UniProt Entry Name	APOA1_CANFA

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/apoa1-dog-elisa-kits/apolipoprotein-a-i/113029>