

Canine Apolipoprotein C2 precursor ELISA Kit | Pre-APO-C2 elisa kit

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CATALOG #
AAA93949

REACTIVITY
Canine

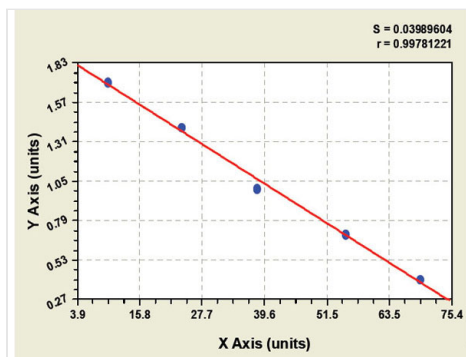
PRODUCT SYNONYMS

Apolipoprotein C2 precursor; Canine Apolipoprotein C2 precursor ELISA Kit; Pre-APO-C2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ApoC2p ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ApoC2p. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pre-APO-C2 elisa kit	Principle of the Assay: ApoC2p ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ApoC2p antibody and an ApoC2p-HRP conjugate. The assay sample and buffer are incubated together with ApoC2p-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 ApoC2p concentration since ApoC2p from samples and ApoC2p-HRP conjugate compete for the anti-ApoC2p antibody binding site. Since the number of sites is limited, as more sites are occupied by ApoC2p from the sample, fewer sites are left to bind ApoC2p-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ApoC2p concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Pre-APO-C2 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	32130518
NCBI GeneID	344
NCBI Accession #	NP_000474.2
NCBI GenBank Nucleotide #	NM_000483.4
Molecular Weight	11,284 Da
NCBI Official Full Name	apolipoprotein C-II
NCBI Official Synonym Full Names	apolipoprotein C-II
NCBI Official Symbol	APOC2
NCBI Official Synonym Symbols	APO-CII; APOC-II
NCBI Protein Information	apolipoprotein C-II; apolipoprotein C2
UniProt Protein Name	Apolipoprotein C-II
UniProt Gene Name	APOC2
UniProt Synonym Gene Names	APC2; Apo-CII; ApoC-II
UniProt Entry Name	APOC2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pre-apo-c2-canine-elisa-kits/apolipoprotein-c2-precursor/93949>