

Canine Cholesteryl Ester Transfer Protein ELISA Kit | CETP elisa kit

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CATALOG #
AAA92817

REACTIVITY
Canine

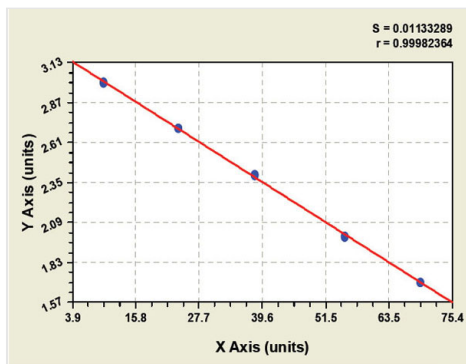
PRODUCT SYNONYMS

Cholesteryl Ester Transfer Protein; Canine Cholesteryl Ester Transfer Protein ELISA Kit; CETP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CETP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CETP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CETP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	169636439
NCBI GeneID	1071
NCBI Accession #	NP_000069.2
NCBI GenBank Nucleotide #	NM_000078.2
Molecular Weight	47,787 Da
NCBI Official Full Name	cholesteryl ester transfer protein isoform 1
NCBI Official Synonym Full Names	cholesteryl ester transfer protein, plasma
NCBI Official Symbol	CETP
NCBI Official Synonym Symbols	BPIFF; HDLCQ10
NCBI Protein Information	cholesteryl ester transfer protein; lipid transfer protein I; BPI fold containing family F
UniProt Protein Name	Cholesteryl ester transfer protein
UniProt Gene Name	CETP
UniProt Entry Name	CETP_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.

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Online datasheet: <https://stage.aaabiotech.com/cetp-canine-elisa-kits/cholesteryl-ester-transfer-protein/92817>