

Human Cholesteryl Ester Transfer Protein ELISA Kit | CETP elisa kit

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CATALOG #
AAA16184

REACTIVITY
Human

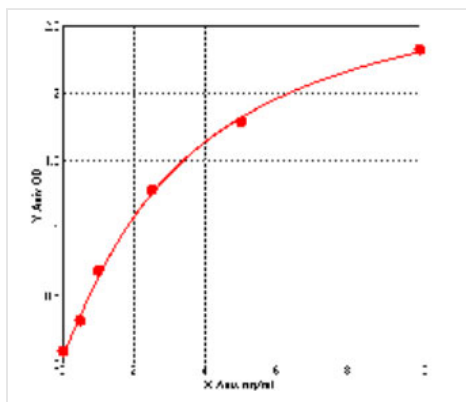
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CETP. No significant cross-reactivity or interference between CETP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CETP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This CETP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CETP. Standards or samples are then added to the microtiter plate wells and CETP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CETP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CETP are added to each well to "sandwich" the CETP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CETP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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. Intended Uses: This CETP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CETP. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CETP elisa kit	Cell Biology

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-human-elisa-kits/cholesteryl-ester-transfer-protein/16184>