

Human Carnitine O-palmitoyltransferase 1, liver isoform ELISA Kit | CPT1A elisa kit

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CATALOG #
AAA101521

REACTIVITY
Human

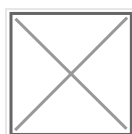
PRODUCT SYNONYMS

Carnitine O-palmitoyltransferase 1; liver isoform; Human Carnitine O-palmitoyltransferase 1; liver isoform ELISA Kit; CPT1-L/Cpt1a/CPT1-L/Carnitine O-palmitoyltransferase 1; liver isoform/CPT1A/CPT I/CPTI-L/Carnitine palmitoyltransferase 1A; CPT1A elisa kit

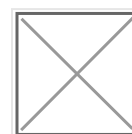
PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	773
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPT1A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CPT1-L antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CPT1- L antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CPT1-L amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CPT1-L can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73623030
NCBI GeneID	1374
NCBI Accession #	NP_001867.2
NCBI GenBank Nucleotide #	NM_001876.3

Molecular Weight	86,239 Da
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, liver isoform isoform 1
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1A
NCBI Official Symbol	CPT1A
NCBI Official Synonym Symbols	CPT1; CPT1-L; L-CPT1
NCBI Protein Information	carnitine O-palmitoyltransferase 1, liver isoform
UniProt Protein Name	Carnitine O-palmitoyltransferase 1, liver isoform
UniProt Gene Name	CPT1A
UniProt Synonym Gene Names	CPT1; CPT1-L; CPT I; CPTI-L
UniProt Entry Name	CPT1A_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/cpt1a-human-elisa-kits/carnitine-o-palmitoyltransferase-1-liver-isoform/101521>