

Mouse Carnitine O-palmitoyltransferase 1 ELISA Kit | Cpt1a elisa kit

Mouse Carnitine O-palmitoyltransferase 1, liver isoform ELISA Kit

CATALOG #
AAA309972

REACTIVITY
Mouse

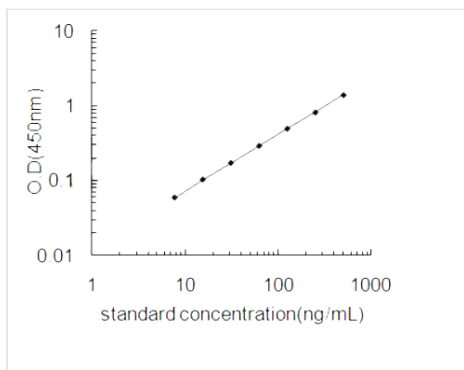
PRODUCT SYNONYMS

Carnitine O-palmitoyltransferase 1; Mouse Carnitine O-palmitoyltransferase 1; liver isoform ELISA Kit; liver isoform; CPT1-L; Carnitine O-palmitoyltransferase I; CPT I; CPTI-L; Carnitine palmitoyltransferase 1A; Cpt1a; Cpt-1; Cpt1; Cpt1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural pig Gelsolin. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	7.80 ng/mL -500 ng/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cpt1a elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Gelsolin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Gelsolin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Gelsolin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Gelsolin in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig Gelsolin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	162287142
NCBI GeneID	12894
NCBI Accession #	NP_038523.2
NCBI GenBank Nucleotide #	NM_013495.2
UniProt Accession #	P97742; O35288; Q80SW3; Q8BP98; Q8C7H8
Molecular Weight	88,251 Da
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, liver isoform
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1a, liver
NCBI Official Symbol	Cpt1a
NCBI Official Synonym Symbols	CPTI; Cpt1; C730027G07
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	Cpt-1; Cpt1; CPT1-L; CPT I; CPTI-L

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-mouse-elisa-kits/carnitine-o-palmitoyltransferase-1/309972>