

Human Carnitine Transporter 2 (CT2) ELISA Kit | CT2 elisa kit

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CATALOG #
AAA43173

REACTIVITY
Human

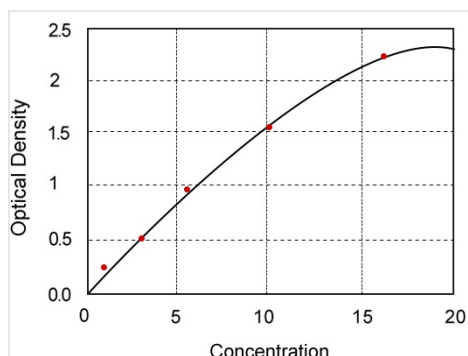
PRODUCT SYNONYMS

Carnitine Transporter 2 (CT2); Human Carnitine Transporter 2 (CT2) ELISA Kit; CT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	543
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml.
Sensitivity	0.046ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CT2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Carnitine Transporter 2 (also known as CT2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CT2 antibody. CT2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CT2 Antibody is added and binds to CT2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CT2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CT2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24817720
NCBI GeneID	85413
UniProt Accession #	Q86VW1; O14567; Q5JXM1; Q8IUG8; Q8IZD5; Q96M90; Q96RU0
Molecular Weight	60,870 Da
NCBI Official Full Name	carnitine transporter 2
NCBI Official Synonym Full Names	solute carrier family 22 member 16
NCBI Official Symbol	SLC22A16
NCBI Official Synonym Symbols	CT2; OAT6; OCT6; OKB1; FLIPT2; HEL-S-18; dJ261K5.1
NCBI Protein Information	solute carrier family 22 member 16
UniProt Protein Name	Solute carrier family 22 member 16
UniProt Gene Name	SLC22A16
UniProt Synonym Gene Names	OCT6; CT2; FLIPT2; Flipt 2

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://www.aaabiotech.com/human-elisa-kits/carnitine-transporter-2-ct2/43173>