

Human Carnitine Acylcarnitine Translocase (CACT) ELISA Kit | CACT elisa kit

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CATALOG #
AAA42158

REACTIVITY
Human

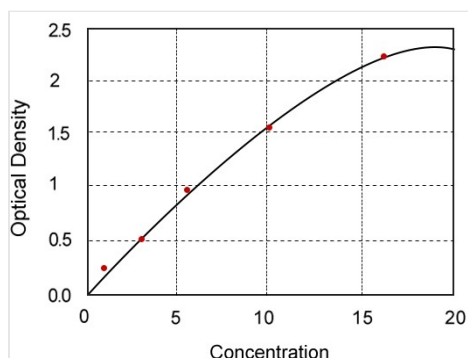
PRODUCT SYNONYMS

Carnitine Acylcarnitine Translocase (CACT); Human Carnitine Acylcarnitine Translocase (CACT) ELISA Kit; CACT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.11ng/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 CACT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Carnitine Acylcarnitine Translocase (also known as CACT) 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 CACT antibody. CACT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CACT Antibody is added and binds to CACT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CACT 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 CACT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/human-elisa-kits/carnitine-acylcarnitine-translocase-cact/42158>