

Human Peroxisomal acyl-coenzyme A oxidase 1 (ACox1) ELISA Kit | ACox1 elisa kit

Human Peroxisomal acyl-coenzyme A oxidase 1 (ACox1) ELISA Kit

CATALOG #
AAA44264

REACTIVITY
Human

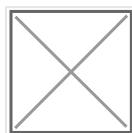
PRODUCT SYNONYMS

Peroxisomal acyl-coenzyme A oxidase 1 (ACox1); Human Peroxisomal acyl-coenzyme A oxidase 1 (ACox1) ELISA Kit; ACox1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	660
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	9.78ng/L
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 ACox1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Peroxisomal Acyl-coenzyme A Oxidase 1 (also known as ACox1) 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 ACox1 antibody. ACox1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ACox1 Antibody is added and binds to ACox1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ACox1 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 ACox1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30089972
NCBI GeneID	51

NCBI Accession #	NP_004026.2
NCBI GenBank Nucleotide #	NM_004035.6
UniProt Accession #	Q15067 ; Q12863 ; Q15068 ; Q15101 ; Q16131 ; Q7Z3W5 ; Q9UD31 ; A8K6X8 ; A8KAA0 ; B4DK61 ; F5GYQ8
Molecular Weight	74,668 Da
NCBI Official Full Name	peroxisomal acyl-coenzyme A oxidase 1 isoform a
NCBI Official Synonym Full Names	acyl-CoA oxidase 1
NCBI Official Symbol	ACOX1
NCBI Official Synonym Symbols	ACOX; SCOX; PALMCOX
NCBI Protein Information	peroxisomal acyl-coenzyme A oxidase 1
UniProt Protein Name	Peroxisomal acyl-coenzyme A oxidase 1
UniProt Gene Name	ACOX1
UniProt Synonym Gene Names	AOX1 PublicationManual assertion based on opinion iniRef.4; SCOX

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/peroxisomal-acyl-coenzyme-a-oxidase-1-acox1/44264>