

Human acetyl-Coenzyme A carboxylase alpha ELISA Kit | ACACA elisa kit

Human Acetyl-CoA carboxylase 1, ACACA ELISA Kit

CATALOG #
AAA112363

REACTIVITY
Human

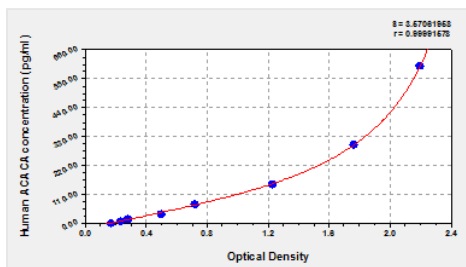
PRODUCT SYNONYMS

acetyl-Coenzyme A carboxylase alpha; Human Acetyl-CoA carboxylase 1; ACACA ELISA Kit; Human Acetyl-CoA carboxylase 1 (ACACA) ELISA kit; ACAC; ACC; ACC1; ACCA; ACC-alpha; acetyl-CoA carboxylase 1; acetyl-CoA carboxylase-alpha; ACACA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ABL1. No significant cross-reactivity or interference between human ABL1 and analogues was observed.
Sequence Length	2383
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	6.25 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACACA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ABL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ABL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABL1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ABL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38679960
NCBI GeneID	31
NCBI Accession #	NP_942131.1
NCBI GenBank Nucleotide #	NM_198834.2
UniProt Accession #	Q13085; Q6KEV6; Q6XDA8; Q7Z2G8; Q7Z561; Q7Z563; Q7Z564; Q86WB2; Q86WB3; B2RP68
Molecular Weight	265,554 Da
NCBI Official Full Name	acetyl-CoA carboxylase 1 isoform 1
NCBI Official Synonym Full Names	acetyl-CoA carboxylase alpha
NCBI Official Symbol	ACACA
NCBI Official Synonym Symbols	ACC; ACAC; ACC1; ACCA; ACACAD
NCBI Protein Information	acetyl-CoA carboxylase 1; ACC-alpha; acetyl-Coenzyme A carboxylase alpha
UniProt Protein Name	Acetyl-CoA carboxylase 1
UniProt Gene Name	ACACA
UniProt Synonym Gene Names	ACAC; ACC1; ACCA; ACC1
UniProt Entry Name	ACACA_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://www.aaabiotech.com/acaca-human-elisa-kits/acetyl-coenzyme-a-carboxylase-alpha/112363>