

Human acetyl-Coenzyme A carboxylase beta ELISA Kit | ACACB elisa kit

Human Acetyl-CoA carboxylase 2, ACACB ELISA Kit

CATALOG #
AAA180419

REACTIVITY
Human

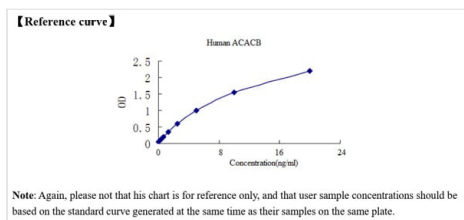
PRODUCT SYNONYMS

acetyl-Coenzyme A carboxylase beta; Human Acetyl-CoA carboxylase 2; ACACB ELISA Kit; ACACB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACACB elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human ACACB monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134142062
NCBI GeneID	32
NCBI Accession #	NP_001084.3

NCBI GenBank Nucleotide #	NM_001093.3
UniProt Accession #	O00763 ; Q16852 ; Q1HEC1 ; Q6KE87 ; Q6KE89 ; Q6TY48 ; A6NK36
Molecular Weight	276,541 Da
NCBI Official Full Name	acetyl-CoA carboxylase 2
NCBI Official Synonym Full Names	acetyl-CoA carboxylase beta
NCBI Official Symbol	ACACB
NCBI Official Synonym Symbols	ACC2; ACCB; HACC275
NCBI Protein Information	acetyl-CoA carboxylase 2; ACC-beta; acetyl-Coenzyme A carboxylase beta
UniProt Protein Name	Acetyl-CoA carboxylase 2
UniProt Gene Name	ACACB
UniProt Synonym Gene Names	ACC2; ACCB
UniProt Entry Name	ACACB_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://stage.aaabiotech.com/human-elisa-kits/acetyl-coenzyme-a-carboxylase-beta/180419>