

Mouse Acaca (Acetyl-CoA carboxylase) ELISA Kit | Acaca elisa kit

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CATALOG #
AAA249792

REACTIVITY
Mouse

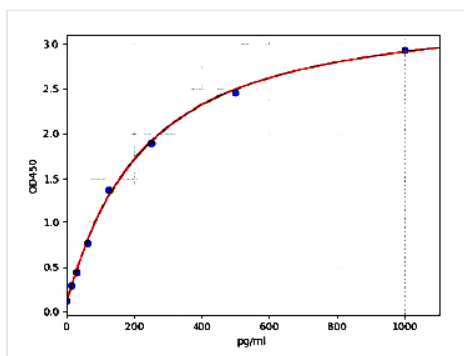
PRODUCT SYNONYMS

Acaca (Acetyl-CoA carboxylase); Mouse Acaca (Acetyl-CoA carboxylase) ELISA Kit; Acetyl-CoA carboxylase 1; ACC1; ACC-alpha; Acetyl-CoA carboxylase 265; Acac; Gm738; Acaca; Acaca elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Acaca. No significant cross-reactivity or interference between Acaca and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acaca elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125656173
NCBI GeneID	107476
NCBI Accession #	NP_579938.2
NCBI GenBank Nucleotide #	NM_133360.2
UniProt Accession #	Q5SWU9; Q5SWU6; Q5SWU7; Q5SWU8; Q6JIZ1; Q6PHL9; Q705X8; Q705X9; Q91VC8; Q925C4; Q925C5; A2A6H4
Molecular Weight	269,958 Da
NCBI Official Full Name	acetyl-CoA carboxylase 1
NCBI Official Synonym Full Names	acetyl-Coenzyme A carboxylase alpha
NCBI Official Symbol	Acaca
NCBI Official Synonym Symbols	Acac; Acc1; Gm738; A530025K05Rik
NCBI Protein Information	acetyl-CoA carboxylase 1
UniProt Protein Name	Acetyl-CoA carboxylase 1
UniProt Gene Name	Acaca
UniProt Synonym Gene Names	ACC1

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.