

Rat Acetyl Coenzyme A Carboxylase ELISA Kit | ACC elisa kit

Rat Acetyl Coenzyme A Carboxylase ELISA Kit

CATALOG #
AAA89068

REACTIVITY
Rat

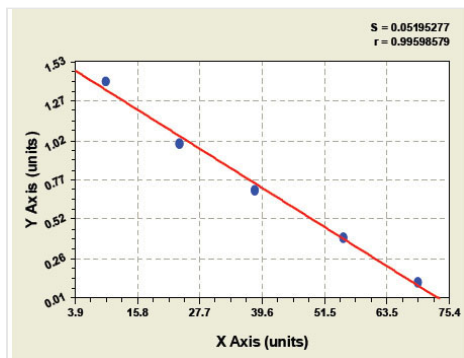
PRODUCT SYNONYMS

Acetyl Coenzyme A Carboxylase; Rat Acetyl Coenzyme A Carboxylase ELISA Kit; ACC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/ml
Intended Uses	This ACC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ACC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACC elisa kit

Principle of the Assay: ACC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ACC antibody and an ACC-HRP conjugate. The assay sample and buffer are incubated together with ACC-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ACC concentration since ACC from samples and ACC-HRP conjugate compete for the anti-ACC antibody binding site. Since the number of sites is limited, as more sites are occupied by ACC from the sample, fewer sites are left to bind ACC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACC concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161076409
NCBI GeneID	35761
NCBI Accession #	NP_001097227.1
NCBI GenBank Nucleotide #	NM_001103757.2
NCBI Official Full Name	Acetyl-CoA carboxylase, isoform D
NCBI Official Synonym Full Names	Acetyl-CoA carboxylase
NCBI Official Symbol	ACC
NCBI Official Synonym Symbols	A1Z784_DROME; CG11198; CG8723; dACC; DmACC; DmelCG11198; FBgn0043811
NCBI Protein Information	CG11198 gene product from transcript CG11198-RG; ACC-PA; ACC-PB; ACC-PC; ACC-PE; ACC-PF; ACC-PG; Acetyl-CoA carboxylase; CG11198-PA; CG11198-PB; CG11198-PC; CG11198-PE; CG11198-PF; CG11198-PG; acetyl CoA carboxylase; acetyl coenzyme A carboxylase; acetyl-CoA carboxylase; acetyl-coenzyme A carboxylase

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/acc-rat-elisa-kits/acetyl-coenzyme-a-carboxylase/89068>