

Rat Acetyl Coenzyme A Carboxylase Alpha ELISA Kit | ACACa elisa kit

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CATALOG #
AAA82606

REACTIVITY
Rat

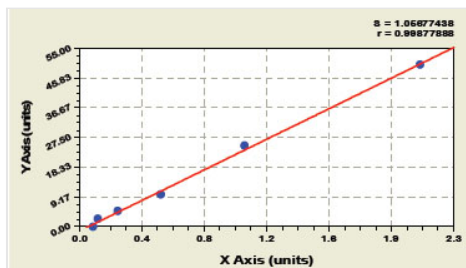
PRODUCT SYNONYMS

Acetyl Coenzyme A Carboxylase Alpha; Rat Acetyl Coenzyme A Carboxylase Alpha ELISA Kit; ACACa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This ACCalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ACCalpha. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ACACa elisa kit

Principle of the assay: ACCalpha ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ACCalpha. Standards or samples are then added to the microtiter plate wells and ACCalpha if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ACCalpha present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ACCalpha are added to each well to "sandwich" the ACCalpha immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ACCalpha and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ACCalpha concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32425437
NCBI GeneID	31
Molecular Weight	78,272 Da
NCBI Official Full Name	ACACA protein, partial
UniProt Protein Name	ACACA protein
UniProt Gene Name	ACACA
UniProt Entry Name	Q7Z5W8_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-rat-elisa-kits/acetyl-coenzyme-a-carboxylase-alpha/82606>