

## Porcine Acetyl Coenzyme A Carboxylase ELISA Kit | ACC elisa kit

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CATALOG #  
**AAA90928**

REACTIVITY  
**Porcine**

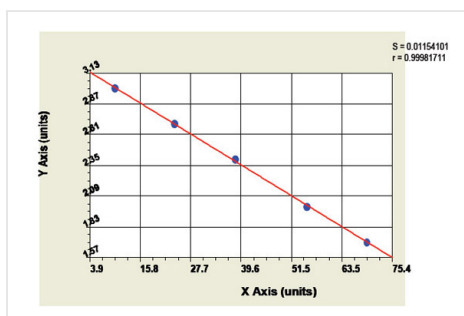
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                                            |
| Sensitivity             | 1.0 ng/mL.                                                                                                                                                                             |
| Intended Uses           | This ACC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine 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.

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Online datasheet: <https://stage.aaabiotech.com/acc-porcine-elisa-kits/acetyl-coenzyme-a-carboxylase/90928>