



Canine acetyl-CoA carboxylase 2 (ACACB) ELISA kit (255,093 Da)

Cat. No.:	OB0525WXX-020
Assay Type:	Quantitative ELISA
Target Species:	Canine
Assay Target:	ACACB
Size:	48T; 96T

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Canine acetyl-CoA carboxylase 2 (ACACB) ELISA kit (255,093 Da) is a ready-to-use ELISA kit for analyzing canine ACACB levels with high sensitivity and excellent specificity.
Assay Principle	The kit is based on ACACB antibody-ACACB antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ACACB antigen targets in samples.
Background	ACACB (also called ACC2) is a subunit of ACC. ACC is responsible for catalyzing the carboxylation of acetyl-CoA to malonyl-CoA, which is the rate-limiting step in fatty acid synthesis. ACC2 has been found to play an important role in controlling fatty acid oxidation and is a potential target for the treatment of obesity and related diseases.
Synonyms	ACC2; Acetyl-coenzyme A carboxylase 2; ACC-beta or Acetyl-CoA carboxylase beta; EC 6.3.4.14
Formula Weight	255,093 Da
Applications	Canine acetyl-CoA carboxylase 2 (ACACB) ELISA kit (255,093 Da) is designed for the <i>in vitro</i> quantitative analysis of ACACB levels in canine samples.
Research Area	Metabolites; Fatty acid biosynthesis; Obesity

Specification

Sample Type	Canine samples
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Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.