



## Chicken medium-chain specific acyl-CoA dehydrogenase (ACADM) ELISA kit

<b>Cat. No.:</b>	OB0525WXX-056
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Chicken
<b>Assay Target:</b>	ACADM
<b>Size:</b>	48T; 96T

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

### Product Overview

<b>Description</b>	Chicken medium-chain specific acyl-CoA dehydrogenase (ACADM) ELISA kit is a ready-to-use microwell, strip plate ELISA kit for analyzing chicken ACADM levels with excellent specificity.
<b>Assay Principle</b>	The kit is based on ACADM antibody-ACADM antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ACADM antigen targets in samples.
<b>Background</b>	ACADM is an enzyme that catalyzes the first step of mitochondrial fatty acid oxidation. It may serve as a target to regulate fatty acid metabolism for the treatment of obesity, cancer, and other related diseases.
<b>Synonyms</b>	MCAD; Medium-chain acyl-CoA dehydrogenase; M-CAD; MCADH; Medium-chain specific acyl-CoA dehydrogenase, mitochondrial; EC 1.3.8.7
<b>Formula Weight</b>	47,020 Da
<b>Applications</b>	Chicken medium-chain specific acyl-CoA dehydrogenase (ACADM) ELISA kit is designed for the <i>in vitro</i> quantitative analysis of ACADM levels in chicken samples.
<b>Research Area</b>	Fatty acid oxidation; Metabolism; Obesity

### Specification

<b>Sample Type</b>	Chicken samples
<b>Cross-reactivity</b>	No significant cross-reactivity or interference was observed.
<b>Storage</b>	Store at 2-8°C.