



## Guinea pig peroxisomal acyl-coenzyme A oxidase 1 (ACOX1) ELISA kit

<b>Cat. No.:</b>	OB0525WXX-105
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Guinea pig
<b>Assay Target:</b>	ACOX1
<b>Size:</b>	1 kit

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

### Product Overview

<b>Description</b>	Guinea pig peroxisomal acyl-coenzyme A oxidase 1 (ACOX1) ELISA kit is a ready-to-use ELISA kit for analyzing guinea pig ACOX1 levels with high sensitivity and excellent specificity.
<b>Assay Principle</b>	The kit is based on ACOX1 antibody-ACOX1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ACOX1 antigen targets in samples.
<b>Background</b>	ACOX1 catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs, which plays a role in lipid metabolism, fatty acid $\beta$ -oxidation, and so on.
<b>Synonyms</b>	AOX; Peroxisomal fatty acyl-CoA oxidase 1; Acyl-CoA oxidase 1; EC 1.3.3.6
<b>Formula Weight</b>	74,390 Da
<b>Applications</b>	Guinea pig peroxisomal acyl-coenzyme A oxidase 1 (ACOX1) ELISA kit is designed for the <i>in vitro</i> quantitative analysis of ACOX1 levels in guinea pig samples.
<b>Research Area</b>	Fatty acid oxidation; Obesity

### Specification

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