



Goose enoyl coenzyme A hydratase, short chain, 1, mitochondrial (ECHS1) ELISA kit

Cat. No.:	OB0625WXX-616
Assay Type:	Quantitative ELISA
Target Species:	Goose
Assay Target:	ECHS1
Size:	1 kit

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

Product Overview

Description	Goose enoyl coenzyme A hydratase, short chain, 1, mitochondrial (ECHS1) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of ECHS1 in goose, which is highly specific and sensitive.
Assay Principle	The kit is based on the ECHS1 antibody-ECHS1 antigen interaction (immunosorbent) and the HRP colorimetric detection system to detect ECHS1 antigen targets in samples.
Background	ECHS1 belongs to the enoyl-CoA hydratase/isomerase family. It functions in the second step of the mitochondrial fatty acid beta-oxidation pathway. It catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs.
Synonyms	Enoyl-coA hydratase, Short chain 1; Short-chain enoyl-CoA hydratase; SCEH; EC 4.2.1.17
EC NO.	4.2.1.17
Formula Weight	31,387 Da
Applications	Goose enoyl coenzyme A hydratase, short chain, 1, mitochondrial (ECHS1) ELISA kit is an important tool for the quantitative detection of ECHS1 in various biological samples of the goose.
Research Area	Lipid metabolism; Obesity research

Specification

**Sample Type**

Goose samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.