

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

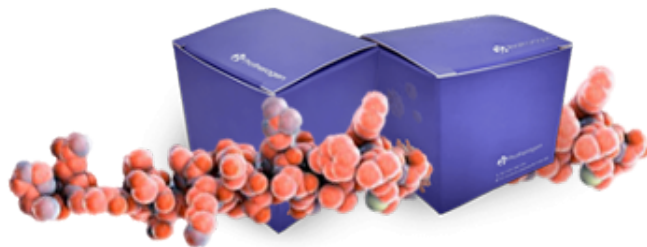
Cat. No.:	OB0625WXX-614
Assay Type:	Quantitative ELISA
Target Species:	Fish
Assay Target:	ECHS1
Size:	1 kit

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

Product Overview

Description	Fish 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 fish, which is highly specific, sensitive, and easy to use.
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	Fish 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 fish.
Research Area	Lipid metabolism; Obesity research

Specification

**Sample Type**

Fish samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.