



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

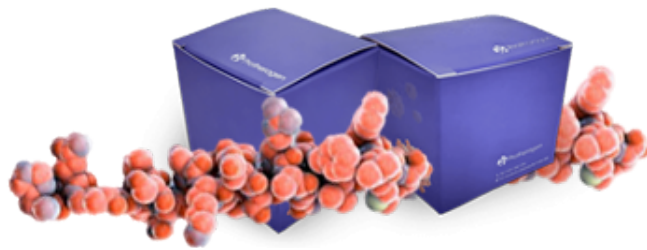
<b>Cat. No.:</b>	OB0625WXX-609
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Donkey
<b>Assay Target:</b>	ECHS1
<b>Size:</b>	1 kit

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

### Product Overview

<b>Description</b>	Donkey 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 donkey. The kit is highly specific, sensitive, and easy to use.
<b>Assay Principle</b>	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.
<b>Background</b>	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.
<b>Synonyms</b>	Enoyl-coA hydratase, Short chain 1; Short-chain enoyl-CoA hydratase; SCEH; EC 4.2.1.17
<b>EC NO.</b>	4.2.1.17
<b>Formula Weight</b>	31,387 Da
<b>Applications</b>	Donkey 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 donkeys.
<b>Research Area</b>	Lipid metabolism; Obesity research

### Specification



**Sample Type**

Donkey samples

**Cross-reactivity**

No significant cross-reactivity or interference was observed.

**Storage**

Store at 2-8°C.