

Bovine Enoyl-CoA Hydratase, Mitochondrial (ECHS1) ELISA Kit-Sandwich

Cat. No.: EK11F480

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Enoyl-CoA Hydratase, Mitochondrial (ECHS1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Enoyl-CoA Hydratase, Mitochondrial (ECHS1) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Bovine ECHS1.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	0.78-50 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

ECHS1, also known as Enoyl-CoA Hydratase, Short Chain 1, is a mitochondrial enzyme that plays a crucial role in fatty acid beta-oxidation. ECHS1 catalyzes the hydration of 2-trans-enoyl-coenzyme A (CoA) intermediates to L-3-hydroxyacyl-CoAs. Bovine Enoyl-CoA Hydratase, Mitochondrial is encoded by the *ECHS1* gene in cattle. It plays an important role in fatty acid metabolism pathways. It is involved in breaking down medium- and short-chained fatty acids.

Target/Biomarker	Bovine ECHS1
Target Synonym	enoyl-CoA hydratase, short chain 1; mECH; mECH1; enoyl-CoA hydratase, mitochondrial; SCEH; enoyl CoA hydratase, short chain, 1, mitochondrial; enoyl Coenzyme A hydratase, short chain, 1, mitochondrial; enoyl-CoA hydratase 1; short-chain enoyl-CoA hydratase
Gene ID	281748

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.