

Mouse Enoyl-CoA hydratase, mitochondrial ELISA Kit | Echs1 elisa kit

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CATALOG #
AAA195079

REACTIVITY
Mouse

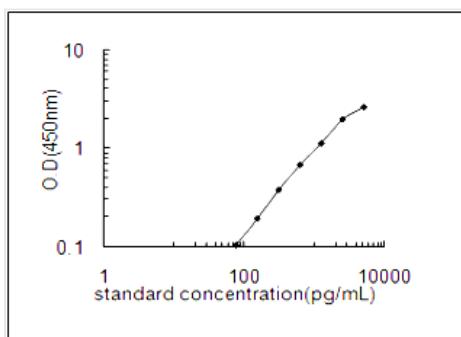
PRODUCT SYNONYMS

Enoyl-CoA hydratase; mitochondrial; Mouse Enoyl-CoA hydratase; mitochondrial ELISA Kit; Enoyl-CoA hydratase 1; Short-chain enoyl-CoA hydratase; SCEH; Echs1; 4.2.1.17; Echs1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Enoyl-CoA hydratase, mitochondrial. No significant cross-reactivity or interference was observed.
Sequence Length	290
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39 pg/mL
Intra-Assay CV	<=4.4%
Inter-Assay CV	<=6.6%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EchS1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Enoyl-CoA hydratase, mitochondrial concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Enoyl-CoA hydratase, mitochondrial. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Enoyl-CoA hydratase, mitochondrial and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Enoyl-CoA hydratase, mitochondrial, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Enoyl-CoA hydratase, mitochondrial in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29789289
NCBI GeneID	93747
NCBI Accession #	NP_444349.1
NCBI GenBank Nucleotide #	NM_053119.2
UniProt Accession #	Q8BH95; Q3TJK2; Q6GQS2; Q6PEN1; Q99LX7
Molecular Weight	31,474 Da
NCBI Official Full Name	enoyl-CoA hydratase, mitochondrial
NCBI Official Synonym Full Names	enoyl Coenzyme A hydratase, short chain, 1, mitochondrial
NCBI Official Symbol	Echs1
NCBI Official Synonym Symbols	C80529
NCBI Protein Information	enoyl-CoA hydratase, mitochondrial
UniProt Protein Name	Enoyl-CoA hydratase, mitochondrial
UniProt Gene Name	Echs1
UniProt Synonym Gene Names	SCEH
UniProt Entry Name	ECHM_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.