

Mouse Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial ELISA Kit | Ech1 elisa kit

Mouse Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial ELISA Kit

CATALOG # AAA56317	REACTIVITY Mouse
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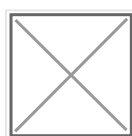
PRODUCT SYNONYMS

Delta(3; 5)-Delta(2; 4)-dienoyl-CoA isomerase; mitochondrial; Mouse Delta(3; mitochondrial ELISA Kit; Ech1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial. No significant cross-reactivity or interference was observed.
Sequence Length	328
Assay Type	Competitive
Detection Range	0.78-50 ng/ml
Sensitivity	0.391 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.9%
Recovery	91%
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 Ech1 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial. During the reaction, Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial in the sample or standard competes with a fixed amount of biotin-labeled Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial for sites on a pre-coated Monoclonal antibody specific to Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, 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 #	7949037
NCBI GeneID	51798
NCBI Accession #	NP_058052.1
NCBI GenBank Nucleotide #	NM_016772.1
UniProt Accession #	O35459; Q5M8P6
Molecular Weight	36,118 Da
NCBI Official Full Name	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
NCBI Official Synonym Full Names	enoyl coenzyme A hydratase 1, peroxisomal
NCBI Official Symbol	Ech1
NCBI Official Synonym Symbols	AA617331
NCBI Protein Information	delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
UniProt Protein Name	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
UniProt Gene Name	Ech1
UniProt Entry Name	ECH1_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.

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Online datasheet: <https://stage.aaabiotech.com/ech1-mouse-elisa-kits/delta-35-delta-24-dienoyl-coa-isomerase-mitochondrial/56317>