

Mouse Acetyl-coenzyme A synthetase 2-like ELISA Kit | ACSS1 elisa kit

Mouse Acetyl-coenzyme A synthetase 2-like, mitochondrial (ACSS1) ELISA Kit

CATALOG # AAA55857	REACTIVITY Mouse
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PRODUCT SYNONYMS

Acetyl-coenzyme A synthetase 2-like; Mouse Acetyl-coenzyme A synthetase 2-like; mitochondrial (ACSS1) ELISA Kit; RP4-568C11.1; ACAS2L; AceCS2L; FLJ45659; MGC33843; acetyl-Coenzyme A synthetase 2 (AMP forming)-like; ACSS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ACSS1. No significant cross-reactivity or interference between Mouse ACSS1 and analogues was observed.
Sequence Length	689
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ACSS1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ACSS1 in samples. An antibody specific for ACSS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyACSS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ACSS1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ACSS1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18034773
NCBI GeneID	68738
NCBI Accession #	NP_542142.1
NCBI GenBank Nucleotide #	NM_080575.2
UniProt Accession #	Q99NB1 ; Q8KOM6

Molecular Weight	74,623 Da
NCBI Official Full Name	acetyl-coenzyme A synthetase 2-like, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA synthetase short-chain family member 1
NCBI Official Symbol	Acss1
NCBI Official Synonym Symbols	Acas2; Acas2l; AceCS2; AI788978; 1110032O15Rik
NCBI Protein Information	acetyl-coenzyme A synthetase 2-like, mitochondrial
UniProt Protein Name	Acetyl-coenzyme A synthetase 2-like, mitochondrial
UniProt Gene Name	Acss1
UniProt Synonym Gene Names	Acas2; Acas2l; AceCS2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/acss1-mouse-elisa-kits/acetyl-coenzyme-a-synthetase-2-like/55857>