

# Human Medium-chain specific acyl-CoA dehydrogenase, mitochondrial ELISA Kit | ACADM elisa kit

Human Medium-chain specific acyl-CoA dehydrogenase, mitochondrial ELISA Kit

|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA57438</b> | REACTIVITY<br><b>Human</b> |
|------------------------------|----------------------------|

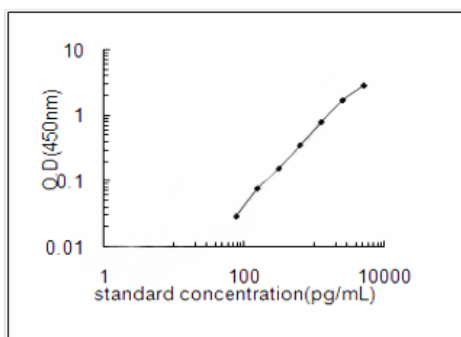
## PRODUCT SYNONYMS

Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; Human Medium-chain specific acyl-CoA dehydrogenase; mitochondrial ELISA Kit; MCAD; ACADM; 1.3.8.7; ACADM elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
| Reactivity              | Human                                                               |
| Sequence Length         | 421                                                                 |
| Assay Type              | Sandwich                                                            |
| Detection Range         | 78-5000 pg/mL                                                       |
| Sensitivity             | 40.1 pg/mL                                                          |
| Intra-Assay CV          | <=5.3%                                                              |
| Inter-Assay CV          | <=6.6%                                                              |
| Recovery                | 99%                                                                 |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C. |

## IMAGES



Standard Curve (Sample)

## NCBI AND UNIPROT INFORMATION

|                           |                        |
|---------------------------|------------------------|
| NCBI GI #                 | 4557231                |
| NCBI GeneID               | 34                     |
| NCBI Accession #          | NP_000007.1            |
| NCBI GenBank Nucleotide # | NM_000016.5            |
| UniProt Accession #       | P11310; Q5T4U4; Q9NYF1 |

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Molecular Weight                 | 47,020 Da                                                             |
| NCBI Official Full Name          | medium-chain specific acyl-CoA dehydrogenase, mitochondrial isoform a |
| NCBI Official Synonym Full Names | acyl-CoA dehydrogenase, C-4 to C-12 straight chain                    |
| NCBI Official Symbol             | ACADM                                                                 |
| NCBI Official Synonym Symbols    | MCAD; ACAD1; MCADH                                                    |
| NCBI Protein Information         | medium-chain specific acyl-CoA dehydrogenase, mitochondrial           |
| UniProt Protein Name             | Medium-chain specific acyl-CoA dehydrogenase, mitochondrial           |
| UniProt Gene Name                | <b>ACADM</b>                                                          |
| UniProt Synonym Gene Names       | MCAD                                                                  |
| UniProt Entry Name               | ACADM_HUMAN                                                           |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/acadm-human-elisa-kits/medium-chain-specific-acyl-coa-dehydrogenase-mitochondrial/57438>