

# Rat Medium-chain specific acyl-CoA dehydrogenase, mitochondrial ELISA Kit | Acadm elisa kit

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|                               |                          |
|-------------------------------|--------------------------|
| CATALOG #<br><b>AAA193217</b> | REACTIVITY<br><b>Rat</b> |
|-------------------------------|--------------------------|

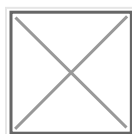
## PRODUCT SYNONYMS

Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; Rat Medium-chain specific acyl-CoA dehydrogenase; mitochondrial ELISA Kit; MCAD; Acadm; 1.3.8.7; Acadm elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
| Reactivity              | Rat                                                                 |
| Sequence Length         | 421                                                                 |
| Assay Type              | Competitive                                                         |
| Detection Range         | 0.78-50 ng/mL                                                       |
| Sensitivity             | 0.39 ng/mL                                                          |
| Intra-Assay CV          | <=5.1%                                                              |
| Inter-Assay CV          | <=10.2%                                                             |
| Recovery                | 92%                                                                 |
| 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 #                        | <a href="#">292494885</a>                                   |
| NCBI GeneID                      | <a href="#">24158</a>                                       |
| NCBI Accession #                 | <a href="#">NP_058682.2</a>                                 |
| NCBI GenBank Nucleotide #        | <a href="#">NM_016986.2</a>                                 |
| UniProt Accession #              | <a href="#">P08503</a>                                      |
| Molecular Weight                 | 46,555 Da                                                   |
| NCBI Official Full Name          | medium-chain specific acyl-CoA dehydrogenase, mitochondrial |
| NCBI Official Synonym Full Names | acyl-CoA dehydrogenase, C-4 to C-12 straight chain          |
| NCBI Official Symbol             | Acadm                                                       |

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| NCBI Official Synonym Symbols | MCAD                                                        |
| 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_RAT                                                   |

**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/acadm-rat-elisa-kits/medium-chain-specific-acyl-coa-dehydrogenase-mitochondrial/193217>