

Mouse Calcium-binding mitochondrial carrier protein Aralar1 ELISA Kit | Slc25a12 elisa kit

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CATALOG #
AAA193203

REACTIVITY
Mouse

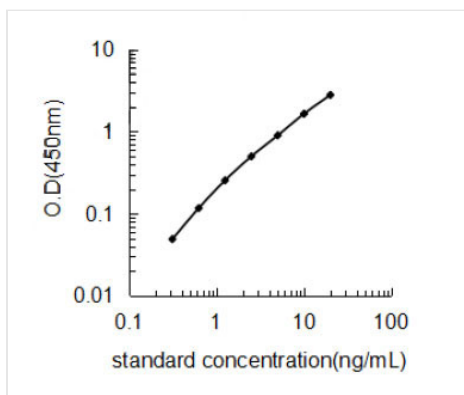
PRODUCT SYNONYMS

Calcium-binding mitochondrial carrier protein Aralar1; Mouse Calcium-binding mitochondrial carrier protein Aralar1 ELISA Kit; Mitochondrial aspartate glutamate carrier 1; Solute carrier family 25 member 12; Slc25a12; Aralar1; Slc25a12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Calcium-binding
Sequence Length	677
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.156 ng/mL
Intra-assay Precision	<=6.8%
Inter-assay Precision	<=9.1%
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 Slc25a12 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	27369581
NCBI GeneID	78830
NCBI Accession #	NP_766024.1
NCBI GenBank Nucleotide #	NM_172436.3
UniProt Accession #	Q8BH59; A2BFG0
Molecular Weight	74,570 Da
NCBI Official Full Name	calcium-binding mitochondrial carrier protein Aralar1
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier, Aralar), member 12
NCBI Official Symbol	Slc25a12
NCBI Official Synonym Symbols	A1839531; BB129864; 2610002D09Rik; B230107K20Rik
NCBI Protein Information	calcium-binding mitochondrial carrier protein Aralar1
UniProt Protein Name	Calcium-binding mitochondrial carrier protein Aralar1
UniProt Gene Name	Slc25a12
UniProt Synonym Gene Names	Aralar1
UniProt Entry Name	CMC1_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/slc25a12-mouse-elisa-kits/calcium-binding-mitochondrial-carrier-protein-aralar1/193203>