

Human Calcium-binding mitochondrial carrier protein Aralar2 ELISA Kit | SLC25A13 elisa kit

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CATALOG # AAA192558	REACTIVITY Human
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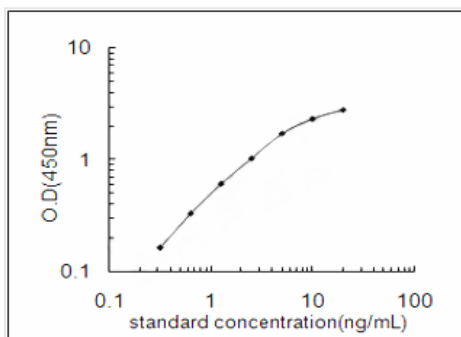
PRODUCT SYNONYMS

Calcium-binding mitochondrial carrier protein Aralar2; Human Calcium-binding mitochondrial carrier protein Aralar2 ELISA Kit; Citrin; Mitochondrial aspartate glutamate carrier 2; Solute carrier family 25 member 13; SLC25A13; ARALAR2; SLC25A13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Calcium-binding mitochondrial carrier protein Aralar2. No significant cross-reactivity or interference was observed.
Sequence Length	676
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Sensitivity	<0.12 ng/mL.
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 SLC25A13 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Calcium-binding mitochondrial carrier protein Aralar2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Calcium-binding mitochondrial carrier protein Aralar2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Calcium-binding mitochondrial carrier protein Aralar2 and 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 Calcium-binding mitochondrial carrier protein Aralar2, 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 Calcium-binding mitochondrial carrier protein Aralar2 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 #	237649019
NCBI GeneID	10165
NCBI Accession #	NP_001153682.1
NCBI GenBank Nucleotide #	NM_001160210.1
UniProt Accession #	Q9UJS0; O14566; O14575; Q546F9; Q9NZW1; Q9UNI7
Molecular Weight	74,304 Da
NCBI Official Full Name	calcium-binding mitochondrial carrier protein Aralar2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 25 (aspartate/glutamate carrier), member 13
NCBI Official Symbol	SLC25A13
NCBI Official Synonym Symbols	CTLN2; CITRIN; ARALAR2
NCBI Protein Information	calcium-binding mitochondrial carrier protein Aralar2
UniProt Protein Name	Calcium-binding mitochondrial carrier protein Aralar2
UniProt Gene Name	SLC25A13
UniProt Synonym Gene Names	ARALAR2
UniProt Entry Name	CMC2_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.