

Human MOCO Sulphurase C-Terminal Domain Containing Protein 1 (MOSC1) RTU ELISA Kit | MOSC1 rtu elisa kit

Human MOCO Sulphurase C-Terminal Domain Containing Protein 1 (MOSC1) ELISA Kit

CATALOG # AAA217148	REACTIVITY Human
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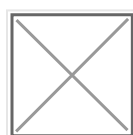
PRODUCT SYNONYMS

MOCO Sulphurase C-Terminal Domain Containing Protein 1 (MOSC1); Human MOCO Sulphurase C-Terminal Domain Containing Protein 1 (MOSC1) ELISA Kit; Molybdenum Cofactor Sulphurase C-Terminal Domain Containing Protein; Mitochondrial amidoxime-reducing component 1; MOSC1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MOSC1. No significant cross-reactivity or interference between MOSC1 and analogues was observed.
Sequence Length	337
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MOSC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MOSC1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MOSC1 rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MOSC1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MOSC1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MOSC1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of MOSC1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MOSC1 in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224600454
NCBI GeneID	64757
NCBI Accession #	NP_073583.3
NCBI GenBank Nucleotide #	NM_022746.3
UniProt Accession #	Q5VT66; Q5VVS9; Q5VVT0; Q5VVT1; Q8N9P5; Q96FN8; Q9H6C7; A8K447; B2D078
Molecular Weight	28,439 Da
NCBI Official Full Name	mitochondrial amidoxime-reducing component 1
NCBI Official Synonym Full Names	mitochondrial amidoxime reducing component 1
NCBI Official Symbol	MARC1
NCBI Official Synonym Symbols	MOSC1
NCBI Protein Information	mitochondrial amidoxime-reducing component 1
UniProt Protein Name	Mitochondrial amidoxime-reducing component 1
UniProt Gene Name	MARC1
UniProt Synonym Gene Names	MOSC1; mARC1; MOSC domain-containing protein 1; Moco sulfurase C-terminal domain-containing protein 1

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/human-rtu-elisa-kits/moco-sulphurase-c-terminal-domain-containing-protein-1-mosc1/217148>