

Mouse Mtarc1 (Mitochondrial amidoxime-reducing component 1) ELISA Kit | Mtarc1 elisa kit

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CATALOG # AAA250382	REACTIVITY Mouse
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PRODUCT SYNONYMS

Mtarc1 (Mitochondrial amidoxime-reducing component 1); Mouse Mtarc1 (Mitochondrial amidoxime-reducing component 1) ELISA Kit; Mitochondrial amidoxime-reducing component 1; mARC1; Molybdenum cofactor sulfurase C-terminal domain-containing protein 1; MOSC domain-containing protein 1; Moco sulfurase C-terminal domain-containing protein 1; Marc1; Moscl; Mtarc1; Mtarc1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mtarc1. No significant cross-reactivity or interference between Mtarc1 and analogues was observed.
Assay Type	Sandwich
Samples	Cell lysates, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Mtarc1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	590121984
NCBI GeneID	66112
NCBI Accession #	NP_001277202.1
NCBI GenBank Nucleotide #	NM_001290273.1
UniProt Accession #	Q9CW42 ; Q8R2L6
Molecular Weight	37,979 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; 1300013F15Rik
NCBI Protein Information	mitochondrial amidoxime-reducing component 1; MOCO sulphurase C-terminal domain containing 1; MOSC domain-containing protein 1, mitochondrial; moco sulfurase C-terminal domain-containing protein 1; molybdenum cofactor sulfurase C-terminal domain-containin
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
UniProt Entry Name	MARC1_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://www.aaabiotech.com/mouse-elisa-kits/mtarc1-mitochondrial-amidoxime-reducing-component-1/250382>