

Human MTARC1 (Mitochondrial amidoxime-reducing component 1) ELISA Kit | MTARC1 elisa kit

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CATALOG # AAA250381	REACTIVITY Human
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PRODUCT SYNONYMS

MTARC1 (Mitochondrial amidoxime-reducing component 1); Human 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; MOSC1; MTARC1; MTARC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MTARC1. No significant crossreactivity 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 #	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/mtarc1-mitochondrial-amidoxime-reducing-component-1/250381>