

Mouse Molybdenum cofactor sulfurase ELISA Kit | Mocosa elisa kit

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CATALOG #
AAA56129

REACTIVITY
Mouse

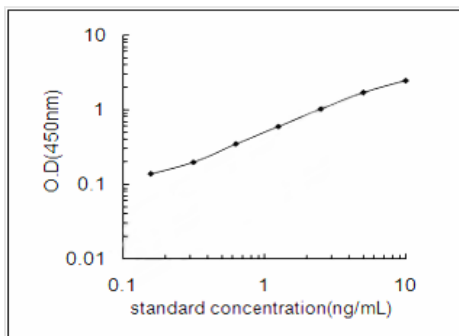
PRODUCT SYNONYMS

Molybdenum cofactor sulfurase; Mouse Molybdenum cofactor sulfurase ELISA Kit; Mocosa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse MCS. No significant cross-reactivity or interference was observed.
Sequence Length	888
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.081 ng/mL
Intra-Assay CV	≤7.4%
Inter-Assay CV	≤9.0%
Recovery	91%
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 Mocosa elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MCS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MCS 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 MCS, 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 $\pm$ 2 nm. The concentration of MCS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110625679
NCBI GeneID	68591
NCBI Accession #	NP_081055.1
NCBI GenBank Nucleotide #	NM_026779.1
UniProt Accession #	Q14CH1
Molecular Weight	95,013 Da
NCBI Official Full Name	molybdenum cofactor sulfurase
NCBI Official Synonym Full Names	molybdenum cofactor sulfurase
NCBI Official Symbol	Mocos
NCBI Official Synonym Symbols	MCS; MOS; HMCS; 1110018O12Rik
NCBI Protein Information	molybdenum cofactor sulfurase
UniProt Protein Name	Molybdenum cofactor sulfurase
UniProt Gene Name	Mocos
UniProt Synonym Gene Names	MCS; MOS; MoCo sulfurase
UniProt Entry Name	MOCOS_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/mocos-mouse-elisa-kits/molybdenum-cofactor-sulfurase/56129>