

Human Molybdenum cofactor sulfurase ELISA Kit | MOCOS elisa kit

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CATALOG #
AAA99909

REACTIVITY
Human

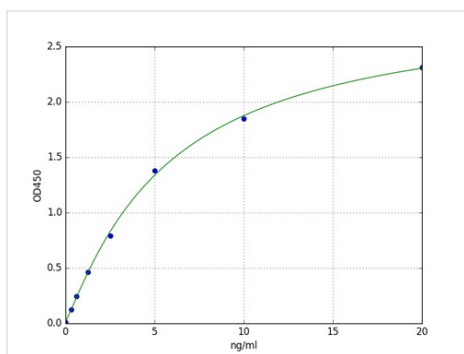
PRODUCT SYNONYMS

Molybdenum cofactor sulfurase; Human Molybdenum cofactor sulfurase ELISA Kit; MOCOS/Molybdenum cofactor sulfurase/MCS/MOS/MoCo sulfurase/hMCS/Molybdenum cofactor sulfurtransferase; MOCOS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	888
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MOCOS ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.057	0.111	0.213	0.302	0.487	0.753	1.304	1.813

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MOCOS elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MOCOS antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MOCOS antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human MOCOS amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MOCOS can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157388923
NCBI GeneID	55034
NCBI Accession #	NP_060417.2
NCBI GenBank Nucleotide #	NM_017947.2
Molecular Weight	98,120 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
NCBI Protein Information	molybdenum cofactor sulfurase
UniProt Protein Name	Molybdenum cofactor sulfurase
UniProt Gene Name	MOCOS
UniProt Synonym Gene Names	MCS; MOS; MoCo sulfurase; hMCS
UniProt Entry Name	MOCOS_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.

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Online datasheet: <https://stage.aaabiotech.com/mocos-human-elisa-kits/molybdenum-cofactor-sulfurase/99909>