

Human Malate Dehydrogenase (MDH) ELISA Kit | MDH elisa kit

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CATALOG #
AAA43787

REACTIVITY
Human

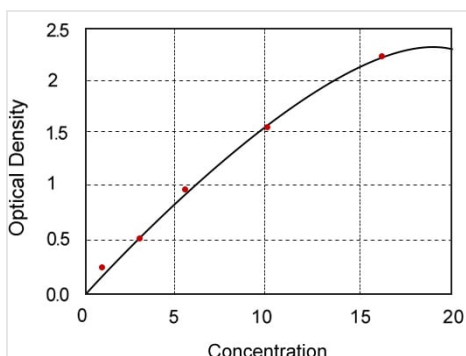
PRODUCT SYNONYMS

Malate Dehydrogenase (MDH); Human Malate Dehydrogenase (MDH) ELISA Kit; MDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	403
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 60ng/ml
Sensitivity	0.16ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Malate Dehydrogenase (also known as MDH) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MDH antibody. MDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MDH Antibody is added and binds to MDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MDH antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human MDH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15232820
NCBI GeneID	823906
NCBI Accession #	NP_190336.1
NCBI GenBank Nucleotide #	NM_114620.3
UniProt Accession #	Q9SN86; O81844
Molecular Weight	42,406 Da
NCBI Official Full Name	malate dehydrogenase
NCBI Official Symbol	MDH
NCBI Official Synonym Symbols	malate dehydrogenase; MALATE DEHYDROGENASE; plastidic NAD-dependent malate dehydrogenase; pNAD-MDH
NCBI Protein Information	malate dehydrogenase
UniProt Protein Name	Malate dehydrogenase, chloroplastic
UniProt Gene Name	At3g47520
UniProt Synonym Gene Names	Chloroplastic MDHCurated; cpNAD-MDH1 PublicationManual assertion based on opinion iniRef.7; pNAD-MDHCurated

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://stage.aaabiotech.com/human-elisa-kits/malate-dehydrogenase-mdh/43787>