

Human NADH-ubiquinone oxidoreductase chain 6, MT-ND6 ELISA Kit | MT-ND6 elisa kit

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CATALOG #
AAA123610

REACTIVITY
Human

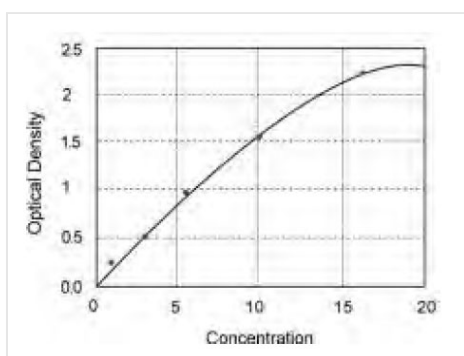
PRODUCT SYNONYMS

NADH-ubiquinone oxidoreductase chain 6; MT-ND6; Human NADH-ubiquinone oxidoreductase chain 6; MT-ND6 ELISA Kit; MT-ND6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	175
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.36ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 MT-ND6 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MT-ND6 antibody. MT-ND6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MT-ND6 Antibody is added and binds to MT-ND6 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MT-ND6 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 MT-ND6. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human NADH-ubiquinone oxidoreductase chain 6 (also known as MT-ND6) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17737329
NCBI GeneID	804485
NCBI GenBank Nucleotide #	NP_008482.4
UniProt Accession #	Q9ZZ56
NCBI Official Full Name	NADH dehydrogenase subunit 6 (mitochondrion)
NCBI Official Symbol	ND6
NCBI Protein Information	NADH dehydrogenase subunit 6
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 6
UniProt Gene Name	MT-ND6
UniProt Synonym Gene Names	MTND6; NADH6; ND6

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/human-elisa-kits/nadh-ubiquinone-oxidoreductase-chain-6-mt-nd6/123610>