

Human Cytochrome c oxidase subunit 3 ELISA Kit | MT-CO3 elisa kit

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CATALOG #
AAA100335

REACTIVITY
Human

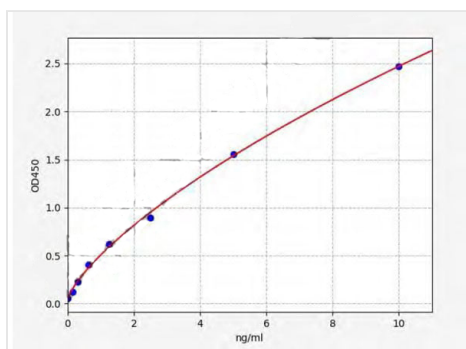
PRODUCT SYNONYMS

Cytochrome c oxidase subunit 3; Human Cytochrome c oxidase subunit 3 ELISA Kit; MT-CO3/Cytochrome c oxidase subunit 3/Cytochrome c oxidase polypeptide III/COIII/COXIII/MTCO3; MT-CO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MT-CO3. No significant crossreactivity or interference between MT-CO3 and analogues was observed.
Sequence Length	265
Assay Type	Sandwich
Samples	Cell lysates, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MT-CO3 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 #	15226079
NCBI GeneID	815364
NCBI Accession #	NP_178782.1
NCBI GenBank Nucleotide #	NM_126741.2
NCBI Official Full Name	cytochrome c oxidase subunit 3
NCBI Official Symbol	AT2G07687
NCBI Official Synonym Symbols	T17H1.13; T17H1_13
NCBI Protein Information	cytochrome c oxidase subunit 3

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/mt-co3-human-elisa-kits/cytochrome-c-oxidase-subunit-3/100335>