Human Cytochrome c oxidase subunit 4 isoform 1, mitochondrial ELISA Kit | COX4I1 elisa kit

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CATALOG #	REACTIVITY
AAA98487	**Human**

PRODUCT SYNONYMS

Cytochrome c oxidase subunit 4 isoform 1; mitochondrial; Human Cytochrome c oxidase subunit 4 isoform 1; mitochondrial ELISA Kit; COX4I1/COX4/Cytochrome c oxidase subunit 4 isoform 1; mitochondrial/Cytochrome c oxidase polypeptide IV/Cytochrome c oxidase subunit IV isoform 1/COX IV-1; COX4I1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	169
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COX4I1 elisa kit	Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human COX4I1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human COX4I1 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 COX4I1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human COX4I1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502981
NCBI GeneID	1327
NCBI Accession #	NP_001852.1

NCBI GenBank Nucleotide #	NM_001861.4
Molecular Weight	19,577 Da
NCBI Official Full Name	cytochrome c oxidase subunit 4 isoform 1, mitochondrial isoform 1
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 4I1
NCBI Official Symbol	COX4I1
NCBI Official Synonym Symbols	COX4; COXIV; COX4-1; COXIV-1; COX IV-1
NCBI Protein Information	cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
UniProt Gene Name	**COX4I1**
UniProt Synonym Gene Names	COX4; COX IV-1
UniProt Entry Name	COX41_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/cox4i1-human-elisa-kits/cytochrome-c-oxidase-subunit-4-isoform-1-mitochondrial/98487