

Human Cytochrome c oxidase subunit 6C (COX6C) ELISA Kit | COX6C elisa kit

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CATALOG #
AAA245858

REACTIVITY
Human

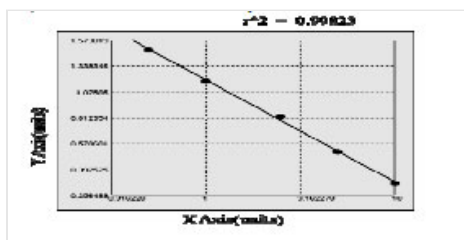
PRODUCT SYNONYMS

Cytochrome c oxidase subunit 6C (COX6C); Human Cytochrome c oxidase subunit 6C (COX6C) ELISA Kit; COX6C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COX6C elisa kit

Intended Uses: This COX6C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human COX6C. This ELISA kit for research use only!

Principle of the Assay||COX6C ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-COX6C antibody and an COX6C-HRP conjugate. The assay sample and buffer are incubated together with COX6C-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the COX6C concentration since COX6C from samples and COX6C-HRP conjugate compete for the anti-COX6C antibody binding site. Since the number of sites is limited, as more sites are occupied by COX6C from the sample, fewer sites are left to bind COX6C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COX6C concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4758040

NCBI GeneID	1345
NCBI Accession #	NP_004365.1
NCBI GenBank Nucleotide #	NM_004374.3
Molecular Weight	8,781 Da
NCBI Official Full Name	cytochrome c oxidase subunit 6C preprotein
NCBI Official Synonym Full Names	cytochrome c oxidase subunit VIc
NCBI Official Symbol	COX6C
NCBI Protein Information	cytochrome c oxidase subunit 6C; cytochrome c oxidase polypeptide VIc; cytochrome c oxidase subunit VIc preprotein
UniProt Protein Name	Cytochrome c oxidase subunit 6C
UniProt Gene Name	COX6C
UniProt Entry Name	COX6C_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://www.aaabiotech.com/human-elisa-kits/cytochrome-c-oxidase-subunit-6c-cox6c/245858>