Rabbit Cytochrome c oxidase subunit 8C, mitochondrial (COX8C) ELISA Kit | COX8C elisa kit

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CATALOG #	REACTIVITY
AAA245330	**Rabbit**

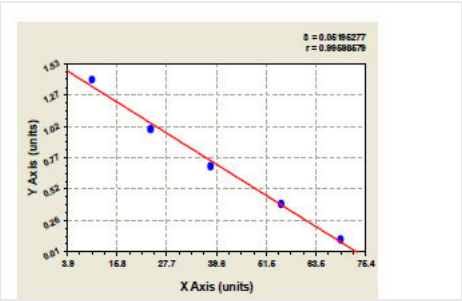
PRODUCT SYNONYMS

Cytochrome c oxidase subunit 8C; mitochondrial (COX8C); Rabbit Cytochrome c oxidase subunit 8C; mitochondrial (COX8C) ELISA Kit; COX8C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COX8C elisa kit	Intended Uses: This COX8C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit COX8C. This ELISA kit for research use only! Principle of the Assay: COX8C ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-COX8C antibody and an COX8C-HRP conjugate. The assay sample and buffer are incubated together with COX8C-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 COX8C concentration since COX8C from samples and COX8C-HRP conjugate compete for the anti-COX8C antibody binding site. Since the number of sites is limited, as more sites are occupied by COX8C from the sample, fewer sites are left to bind COX8C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COX8C concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33667032
NCBI GeneID	341947
NCBI Accession #	NP_892016.1
NCBI GenBank Nucleotide #	NM_182971.2
Molecular Weight	8,129 Da
NCBI Official Full Name	cytochrome c oxidase subunit 8C, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit VIIIC
NCBI Official Symbol	COX8C
NCBI Official Synonym Symbols	COX8-3
NCBI Protein Information	cytochrome c oxidase subunit 8C, mitochondrial; COX VIII-3; cytochrome c oxidase subunit 8-3; cytochrome c oxidase subunit VIII; cytochrome c oxidase polypeptide 8; cytochrome c oxidase polypeptide VIII
UniProt Protein Name	Cytochrome c oxidase subunit 8C, mitochondrial
UniProt Gene Name	**COX8C**
UniProt Synonym Gene Names	COX VIII-3
UniProt Entry Name	COX8C_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/rabbit-elisa-kits/cytochrome-c-oxidase-subunit-8c-mitochondrial-cox8c/245330