

Rabbit Cytochrome c oxidase subunit II ELISA Kit | COX2 elisa kit

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CATALOG #
AAA96834

REACTIVITY
Rabbit

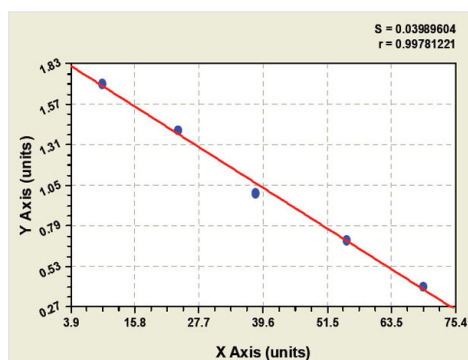
PRODUCT SYNONYMS

Cytochrome c oxidase subunit II; Rabbit Cytochrome c oxidase subunit II ELISA Kit; COX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 COX2 elisa kit

Intended Uses: This COX2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat COX2. This ELISA kit for research use only!

Principle of the Assay: COX2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-COX2 antibody and an COX2-HRP conjugate. The assay sample and buffer are incubated together with COX2-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 COX2 concentration since COX2 from samples and COX2-HRP conjugate compete for the anti-COX2 antibody binding site. Since the number of sites is limited, as more sites are occupied by COX2 from the sample, fewer sites are left to bind COX2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COX2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	489142016
NCBI Accession #	WP_003051783.1
NCBI GenBank Nucleotide #	WP_003051783.1
NCBI Official Full Name	cytochrome C oxidase subunit II

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/cox2-rabbit-elisa-kits/cytochrome-c-oxidase-subunit-ii/96834>