

Mouse Cytochrome Oxidase 4 ELISA Kit | CoX-4 elisa kit

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CATALOG #
AAA16379

REACTIVITY
Mouse

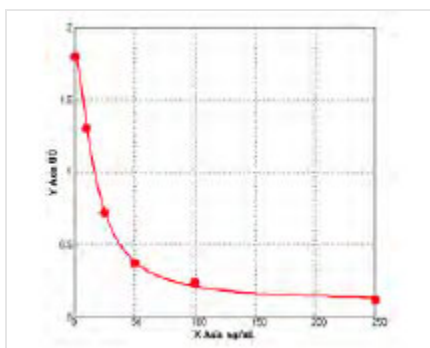
PRODUCT SYNONYMS

Cytochrome Oxidase 4; Mouse Cytochrome Oxidase 4 ELISA Kit; CoX-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
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 CoX-4 elisa kit

Intended Uses: This CYFRA 21.1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CYFRA 21.1. This ELISA kit for research use only!

Principle of the Assay: CYFRA 21.1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CYFRA 21.1. Standards or samples are then added to the microtiter plate wells and CYFRA 21.1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CYFRA 21.1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CYFRA 21.1 are added to each well to "sandwich" the CYFRA 21.1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CYFRA 21.1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYFRA 21.1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62297096
NCBI GeneID	3879200
Molecular Weight	20,613 Da
NCBI Official Full Name	Cytochrome c oxidase subunit 4, mitochondrial
NCBI Official Symbol	NCU05689
NCBI Protein Information	cytochrome c oxidase polypeptide IV, mitochondrial precursor
UniProt Protein Name	Cytochrome c oxidase subunit 4, mitochondrial
UniProt Gene Name	cox-4
UniProt Synonym Gene Names	NCU05689
UniProt Entry Name	COX4_NEUCR

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/cox-4-mouse-elisa-kits/cytochrome-oxidase-4/16379>