

Rabbit NADH Dehydrogenase subunits 4 ELISA Kit | ND2 elisa kit

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CATALOG #
AAA94767

REACTIVITY
Rabbit

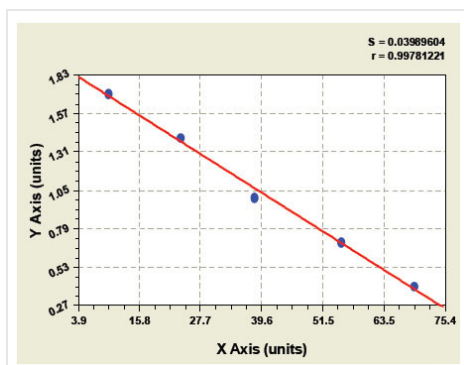
PRODUCT SYNONYMS

NADH Dehydrogenase subunits 4; Rabbit NADH Dehydrogenase subunits 4 ELISA Kit; ND2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 mg/L.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ND2 elisa kit

Intended Uses: This ND4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ND4. This ELISA kit for research use only!

Principle of the Assay: ND4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ND4 antibody and an ND4-HRP conjugate. The assay sample and buffer are incubated together with ND4-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 ND4 concentration since ND4 from samples and ND4-HRP conjugate compete for the anti-ND4 antibody binding site. Since the number of sites is limited, as more sites are occupied by ND4 from the sample, fewer sites are left to bind ND4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ND4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37857729
Molecular Weight	51,991 Da
NCBI Official Full Name	NADH dehydrogenase subunits 4 (mitochondrion)
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 4
UniProt Gene Name	ND4
UniProt Entry Name	Q95A16_CONMY

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/nd2-rabbit-elisa-kits/nadh-dehydrogenase-subunits-4/94767>