

Rat NAD(P)H dehydrogenase [quinone] 1 ELISA Kit | Nqo1 elisa kit

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CATALOG #
AAA57284

REACTIVITY
Rat

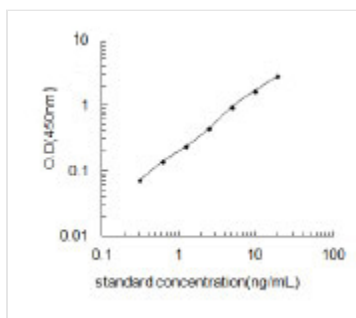
PRODUCT SYNONYMS

NAD(P)H dehydrogenase [quinone] 1; Rat NAD(P)H dehydrogenase [quinone] 1 ELISA Kit; Azoreductase; DT-diaphorase; DTD; Menadione reductase; NAD(P)H:quinone oxidoreductase 1; Phylloquinone reductase; Quinone reductase 1; QR1; Nqo1; Nqo1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat NAD(P)H dehydrogenase [quinone] 1
Sequence Length	274
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.176 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.8%
Inter-assay Precision	Inter-Assay CV: <=8.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nqo1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27501444
NCBI GeneID	24314
NCBI Accession #	NP_058696.2
NCBI GenBank Nucleotide #	NM_017000.3
UniProt Accession #	P05982; Q63478
Molecular Weight	30,947 Da
NCBI Official Full Name	NAD(P)H dehydrogenase
NCBI Official Synonym Full Names	NAD(P)H dehydrogenase, quinone 1
NCBI Official Symbol	Nqo1
NCBI Official Synonym Symbols	Dia4
NCBI Protein Information	NAD(P)H dehydrogenase [quinone] 1
UniProt Protein Name	NAD(P)H dehydrogenase [quinone] 1
UniProt Gene Name	Nqo1
UniProt Synonym Gene Names	Nmor1; DTD; QR1
UniProt Entry Name	NQO1_RAT

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/nqo1-rat-elisa-kits/nad-p-h-dehydrogenase-quinone-1/57284>