

Mouse NAD (P) H dehydrogenase, quinone 1 ELISA Kit | NQO1 elisa kit

Mouse NAD (P) H dehydrogenase [quinone] 1, NQO1 ELISA Kit

CATALOG #
AAA18122

REACTIVITY
Mouse

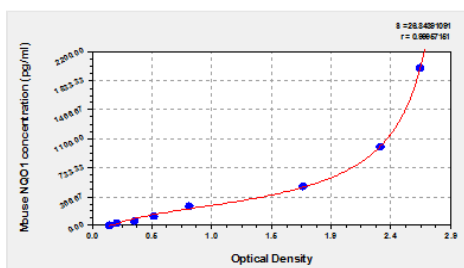
PRODUCT SYNONYMS

NAD (P) H dehydrogenase; quinone 1; Mouse NAD (P) H dehydrogenase [quinone] 1; NQO1 ELISA Kit; Mouse NAD (P) H dehydrogenase [quinone] 1 (NQO1) ELISA kit; DHQU; DIA4; DTD; NMOR1; NMORI; QR1; DT-diaphorase; NAD (P) H:Quinone acceptor oxidoreductase type 1; NAD (P) H:menadione oxidoreductase 1; NAD (P) H:quinone oxidoreductase; azoreductase; diaphorase (NADH/NADPH) ; NQO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse NQO1. No significant cross-reactivity or interference between mouse NQO1 and analogues was observed.
Sequence Length	274
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NQO1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NQO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NQO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NQO1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NQO1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94400773
NCBI GeneID	18104
NCBI Accession #	NP_032732.3
NCBI GenBank Nucleotide #	NM_008706.5
UniProt Accession #	Q64669
Molecular Weight	30,960 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	Dtd; Ox1; Qr1; Dia4; Nmo1; Ox-1; Nmo-1; Nmor1; AV001255
NCBI Protein Information	NAD(P)H dehydrogenase [quinone] 1; NAD(P)H dehydrogenase [quinone] 1; azoreductase; DT-diaphorase; menadione reductase; quinone reductase 1; phyloquinone reductase; diaphorase 4 (NADH/NADPH); NAD(P)H dehydrogenase (quinone); NAD(P)H:quinone oxidoreductase 1; NAD(P)H menadione oxidoreductase 1, dioxin inducible
UniProt Protein Name	NAD(P)H dehydrogenase [quinone] 1
UniProt Gene Name	Nqo1
UniProt Synonym Gene Names	Dia4; Nmo1; Nmor1; DTD; QR1
UniProt Entry Name	NQO1_MOUSE

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-mouse-elisa-kits/nad-p-h-dehydrogenase-quinone-1/18122>