

Human NAD (P)H dehydrogenase [quinone] 1 ELISA Kit | NQO1 elisa kit

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CATALOG #
AAA310176

REACTIVITY
Human

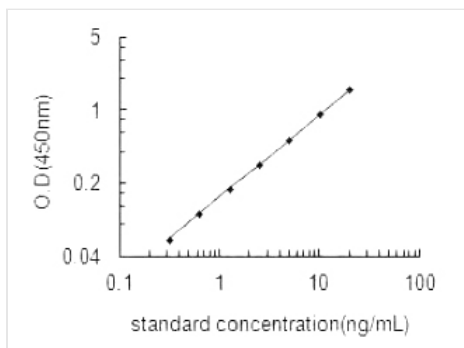
PRODUCT SYNONYMS

NAD (P)H dehydrogenase [quinone] 1; Human 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	Human
Specificity	This assay recognizes recombinant and natural human MUC-5AC. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.78 ng/mL-50.0 ng/mL
Sensitivity	0.195 ng/mL
Preparation and Storage	Store at 4 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 human mucin-5ac, MUC-5AC concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MUC-5AC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MUC-5AC and 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 MUC-5AC, 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 MUC-5AC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505415
NCBI GeneID	1728
NCBI Accession #	NP_000894.1
NCBI GenBank Nucleotide #	NP_000894.1
UniProt Accession #	P15559; Q86UK1; B2R5Y9; B4DNM7; B7ZAD1
Molecular Weight	26,365 Da
NCBI Official Full Name	NAD(P)H dehydrogenase
NCBI Official Synonym Full Names	NAD(P)H quinone dehydrogenase 1
NCBI Official Symbol	NQO1
NCBI Official Synonym Symbols	DTD; QR1; DHQU; DIA4; NMOR1; NMORI
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	DIA4; NMOR1; DTD; QR1

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-human-elisa-kits/nad-p-h-dehydrogenase-quinone-1/310176>