

Human NQO2/Ribosyldihyronicotinamide Dehydrogenase [quinone] ELISA Kit | NQO2 elisa kit

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CATALOG # AAA196676	REACTIVITY Human
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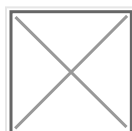
PRODUCT SYNONYMS

NQO2/Ribosyldihyronicotinamide Dehydrogenase [quinone]; Human NQO2/Ribosyldihyronicotinamide Dehydrogenase [quinone] ELISA Kit; Ribosyldihyronicotinamide dehydrogenase [quinone]; NRH dehydrogenase [quinone] 2; NRH:quinone oxidoreductase 2; Quinone reductase 2; QR2; NMOR2; NQO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Ribosyldihyronicotinamide dehydrogenase [quinone]
Sequence Length	231
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.053 ng/mL
Intra-assay Precision	<=5.2%
Inter-assay Precision	<=8.9%
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 NQO2 elisa kit

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 $\pm$ 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.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373581
NCBI GeneID	4835
UniProt Accession #	P16083
NCBI Official Full Name	Ribosyldihydronicotinamide dehydrogenase
NCBI Official Synonym Full Names	N-ribosyldihydronicotinamide:quinone reductase 2
NCBI Official Symbol	NQO2
NCBI Official Synonym Symbols	QR2; DHQV; DIA6; NMOR2
NCBI Protein Information	ribosyldihydronicotinamide dehydrogenase [quinone]
UniProt Protein Name	Ribosyldihydronicotinamide dehydrogenase [quinone]
UniProt Gene Name	NQO2
UniProt Synonym Gene Names	NMOR2; QR2
UniProt Entry Name	NQO2_HUMAN

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/human-elisa-kits/nqo2-ribosyldihydronicotinamide-dehydrogenase-quinone/196676>