

Human Nucleoredoxin (NXN) ELISA Kit | NXN elisa kit

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CATALOG #
AAA64179

REACTIVITY
Human

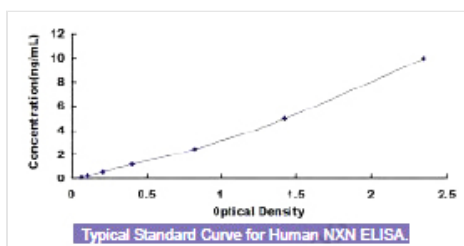
PRODUCT SYNONYMS

Nucleoredoxin (NXN); Human Nucleoredoxin (NXN) ELISA Kit; NRX; NXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NXN. No significant cross-reactivity or interference between NXN and analogues was observed.
Sequence Length	327
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NXN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NXN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NXN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NXN in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NXN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NXN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NXN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of NXN 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 #	329112583
NCBI GeneID	64359
NCBI Accession #	NP_001192248.1
NCBI GenBank Nucleotide #	NM_001205319.1
UniProt Accession #	Q6DKJ4; Q3SWW6; Q6P3U6; Q7L4C6; Q9H9Q1; B4DXQ0; D3DTH2
Molecular Weight	36,871 Da
NCBI Official Full Name	nucleoredoxin isoform 2
NCBI Official Synonym Full Names	nucleoredoxin
NCBI Official Symbol	NXN
NCBI Official Synonym Symbols	NRX; TRG-4
NCBI Protein Information	nucleoredoxin
UniProt Protein Name	Nucleoredoxin
UniProt Gene Name	NXN
UniProt Synonym Gene Names	NRX

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/nucleoredoxin-nxn/64179>