

Human Nexilin (NEXN) ELISA Kit | NEXN elisa kit

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CATALOG #
AAA63462

REACTIVITY
Human

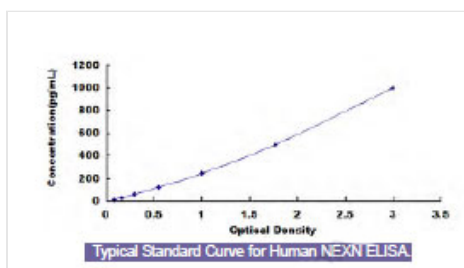
PRODUCT SYNONYMS

Nexilin (NEXN); Human Nexilin (NEXN) ELISA Kit; NELIN; F Actin Binding Protein; NEXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NEXN. No significant cross-reactivity or interference between NEXN and analogues was observed.
Sequence Length	611
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NEXN 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 NEXN 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 NEXN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NEXN in human serum, plasma, 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 NEXN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NEXN. 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 NEXN, 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 NEXN 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 #	288856248
NCBI GeneID	91624
NCBI Accession #	NP_001165780.1
NCBI GenBank Nucleotide #	NM_001172309.1
UniProt Accession #	Q0ZGT2; Q0D2H2; Q14CC2; Q14CC3; Q16081; Q7Z2X0; Q96DL0; Q9Y2V1; A0PJ84; B4DPZ7
Molecular Weight	72,732 Da
NCBI Official Full Name	nexilin isoform 2
NCBI Official Synonym Full Names	nexilin F-actin binding protein
NCBI Official Symbol	NEXN
NCBI Official Synonym Symbols	CMH20; NELIN
NCBI Protein Information	nexilin
UniProt Protein Name	Nexilin
UniProt Gene Name	NEXN

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.