

Human NEL Like Protein 2 (NELL2) ELISA Kit | NELL2 elisa kit

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CATALOG #
AAA66414

REACTIVITY
Human

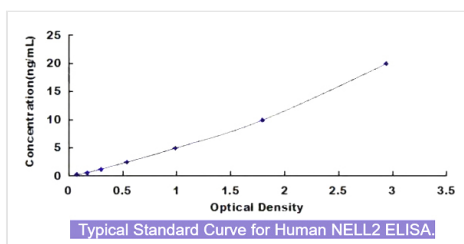
PRODUCT SYNONYMS

NEL Like Protein 2 (NELL2); Human NEL Like Protein 2 (NELL2) ELISA Kit; MDK; NEGF2; Neurite Growth-Promoting Factor 2; NELL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NELL2. No significant cross-reactivity or interference between NELL2 and analogues was observed.
Sequence Length	866
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NELL2 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 NELL2 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 NELL2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NELL2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NELL2. 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 NELL2, 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 NELL2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NELL2 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223029470
NCBI GeneID	4753
NCBI Accession #	NP_001138579.1
NCBI GenBank Nucleotide #	NM_001145107.1
UniProt Accession #	Q99435; Q96JS2; B7Z2U7; B7Z5Q4; B7Z9J5; B7Z9U3
Molecular Weight	91,167 Da
NCBI Official Full Name	protein kinase C-binding protein NELL2 isoform a
NCBI Official Synonym Full Names	neural EGFL like 2
NCBI Official Symbol	NELL2
NCBI Official Synonym Symbols	NRP2
NCBI Protein Information	protein kinase C-binding protein NELL2
UniProt Protein Name	Protein kinase C-binding protein NELL2
UniProt Gene Name	NELL2
UniProt Synonym Gene Names	NRP2

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/nel-like-protein-2-nell2/66414>