

Human Protein Kinase C-Binding Protein NELL1 (NELL1) ELISA Kit | NELL1 elisa kit

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CATALOG #
AAA219784

REACTIVITY
Human

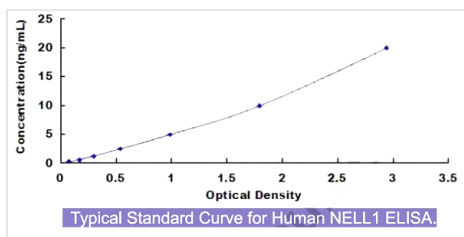
PRODUCT SYNONYMS

Protein Kinase C-Binding Protein NELL1 (NELL1); Human Protein Kinase C-Binding Protein NELL1 (NELL1) ELISA Kit; NEL-like protein 1; Nel-related protein 1; NELL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NELL1. No significant cross-reactivity or interference between NELL1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.105ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NELL1 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 NELL1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NELL1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NELL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NELL1. 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 NELL1, 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 NELL1 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 NELL1 in human serum, plasma, tissue homogenates and other biological fluids.
Product Categories/Family for NELL1 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352164
NCBI GeneID	4745
NCBI Accession #	NP_006148.2
NCBI GenBank Nucleotide #	NM_006157.3
UniProt Accession #	Q92832; Q4VB90; Q4VB91; Q6NSY8; Q9Y472; B2CKC1
Molecular Weight	810
NCBI Official Full Name	protein kinase C-binding protein NELL1 isoform 1
NCBI Official Synonym Full Names	NEL-like 1 (chicken)
NCBI Official Symbol	NELL1
NCBI Official Synonym Symbols	NRP1; IDH3GL
NCBI Protein Information	protein kinase C-binding protein NELL1; NEL-like protein 1; nel-related protein 1; NELL-1 protein short isoform; neural epidermal growth factor-like 1
UniProt Protein Name	Protein kinase C-binding protein NELL1
UniProt Gene Name	NELL1
UniProt Synonym Gene Names	NRP1
UniProt Entry Name	NELL1_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/protein-kinase-c-binding-protein-nell1-nell1/219784>