

Human NEL-like 1 (chicken) ELISA Kit | NELL1 elisa kit

Human Protein kinase C-binding protein NELL1, NELL1 ELISA Kit

CATALOG #
AAA112245

REACTIVITY
Human

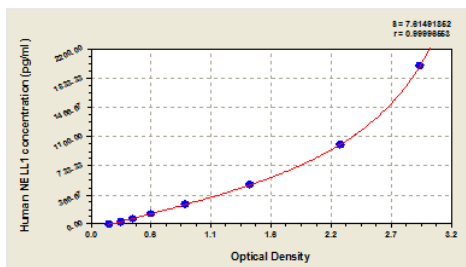
PRODUCT SYNONYMS

NEL-like 1 (chicken); Human Protein kinase C-binding protein NELL1; NELL1 ELISA Kit; Human Protein kinase C-binding protein NELL1 (NELL1) ELISA kit; FLJ45906; IDH3GL; NRP1; isocitrate dehydrogenase 3 (NAD+) gamma-like; nel-like 1; neural epidermal growth factor-like 1; NELL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NELL1. No significant cross-reactivity or interference between human NELL1 and analogues was observed.
Sequence Length	838
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	7.81 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NELL1 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NELL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NELL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NELL1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NELL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	570359542
NCBI GeneID	4745
NCBI Accession #	NP_001275642.1
NCBI GenBank Nucleotide #	NM_001288713.1
UniProt Accession #	Q92832; Q4VB90; Q4VB91; Q6NSY8; Q9Y472; B2CKC1
Molecular Weight	89,635 Da
NCBI Official Full Name	protein kinase C-binding protein NELL1 isoform 3
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-related protein 1; 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.