

Mouse Neurochondrin (NCDN) ELISA Kit | NCDN elisa kit

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CATALOG #
AAA68613

REACTIVITY
Mouse

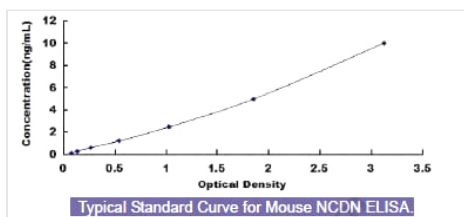
PRODUCT SYNONYMS

Neurochondrin (NCDN); Mouse Neurochondrin (NCDN) ELISA Kit; Norbin; NCDN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NCDN. No significant cross-reactivity or interference between NCDN and analogues was observed.
Sequence Length	729
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.058ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NCDN 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 NCDN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NCDN elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NCDN in mouse tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NCDN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NCDN. 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 NCDN, 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 NCDN in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	172072590
NCBI GeneID	26562
NCBI Accession #	NP_036116.3
NCBI GenBank Nucleotide #	NM_011986.4
UniProt Accession #	Q9Z0E0; Q3TCW4; Q80TW1; Q91YH7; Q9CW81; Q9QUQ0
Molecular Weight	77,304 Da
NCBI Official Full Name	neurochondrin isoform 1
NCBI Official Synonym Full Names	neurochondrin
NCBI Official Symbol	Ncdn
NCBI Official Synonym Symbols	Ms10ae; norbin; AU042419; MMS10-AE; mKIAA0607
NCBI Protein Information	neurochondrin
UniProt Protein Name	Neurochondrin
UniProt Gene Name	Ncdn
UniProt Synonym Gene Names	Kiaa0607; Sfap75

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/neurochondrin-ncdn/68613>