

Rat Neural Cadherin ELISA Kit | NCAD elisa kit

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CATALOG #
AAA100400

REACTIVITY
Rat

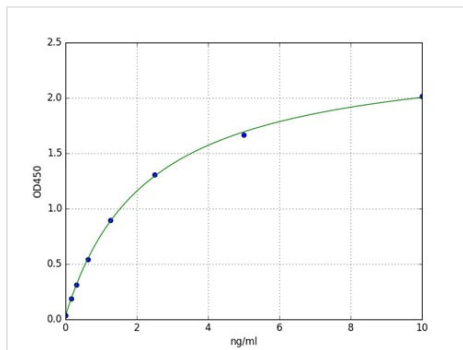
PRODUCT SYNONYMS

Neural Cadherin; Rat Neural Cadherin ELISA Kit; NCAD/Cadherin-2/CD325/CDH2/cadherin 2; N-cadherin (neuronal)/cadherin 2; type 1; N-cadherin (neuronal)/cadherin-2/CD325/CD325 antigen/CDH2/CDHNCalcium-dependent adhesion protein; neuronal/CDw325/N-cadherin/NCADN-cadherin 1; NCAD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	2662
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat NCAD ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.029	0.051	0.095	0.149	0.301	0.881	1.747	2.566

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NCAD elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat NCAD antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat NCAD antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat NCAD amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat NCAD can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	674567416
Molecular Weight	16,831 Da
NCBI Official Full Name	neural cadherin
UniProt Protein Name	Protein MGF 100-2L
UniProt Gene Name	Ken-162
UniProt Entry Name	1002L_ASFK5

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/ncad-rat-elisa-kits/neural-cadherin/100400>