

Human Neural cell adhesion molecule 2 ELISA Kit | NCAM2 elisa kit

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CATALOG #
AAA99456

REACTIVITY
Human

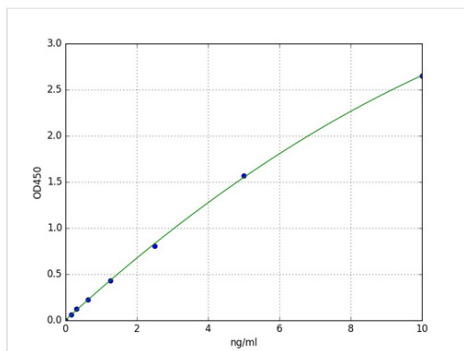
PRODUCT SYNONYMS

Neural cell adhesion molecule 2; Human Neural cell adhesion molecule 2 ELISA Kit; NCAM2/Neural cell adhesion molecule 2/N-CAM-2/NCAM-2; NCAM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	837
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human NCAM2 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	0.115	0.192	0.239	0.439	0.647	1.140	1.665	2.071

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NCAM2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human NCAM2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NCAM2 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 Human NCAM2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NCAM2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

33519481

NCBI GeneID	4685
NCBI Accession #	NP_004531.2
NCBI GenBank Nucleotide #	NM_004540.3
Molecular Weight	47,551 Da
NCBI Official Full Name	neural cell adhesion molecule 2
NCBI Official Synonym Full Names	neural cell adhesion molecule 2
NCBI Official Symbol	NCAM2
NCBI Official Synonym Symbols	NCAM21
NCBI Protein Information	neural cell adhesion molecule 2
UniProt Protein Name	Neural cell adhesion molecule 2
UniProt Gene Name	NCAM2
UniProt Synonym Gene Names	NCAM21; N-CAM-2; NCAM-2
UniProt Entry Name	NCAM2_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/ncam2-human-elisa-kits/neural-cell-adhesion-molecule-2/99456>