

Human Neural Cell Adhesion Molecule ELISA Kit | CD56 elisa kit

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CATALOG #
AAA101234

REACTIVITY
Human

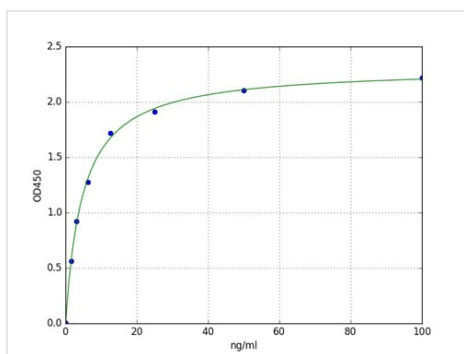
PRODUCT SYNONYMS

Neural Cell Adhesion Molecule; Human Neural Cell Adhesion Molecule ELISA Kit; CD56/NCAM-1/CD56 antigen/MSK39/N-CAM-1/NCAM antigen recognized by monoclonal 5.1H11/neural cell adhesion molecule 1/neural cell adhesion molecule; NCAM; CD56 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	23
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 CD56/NCAM 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.567	0.887	1.325	1.738	1.949	2.045	2.167

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD56 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CD56/NCAM antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CD56/NCAM 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 CD56/NCAM amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CD56/NCAM can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	241117
NCBI GeneID	4684
Molecular Weight	40,760 Da
NCBI Official Full Name	neural cell adhesion molecule, partial
NCBI Official Synonym Full Names	neural cell adhesion molecule 1
NCBI Official Symbol	NCAM1
NCBI Official Synonym Symbols	CD56; NCAM; MSK39
NCBI Protein Information	neural cell adhesion molecule 1
UniProt Protein Name	Neural cell adhesion molecule 1
UniProt Gene Name	NCAM1
UniProt Synonym Gene Names	NCAM; N-CAM-1; NCAM-1
UniProt Entry Name	NCAM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cd56-human-elisa-kits/neural-cell-adhesion-molecule/101234>