

Human Neural Cell Adhesion Molecule 1 (NCAM1) ELISA Kit | NCAM1 elisa kit

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CATALOG #
AAA331515

REACTIVITY
Human

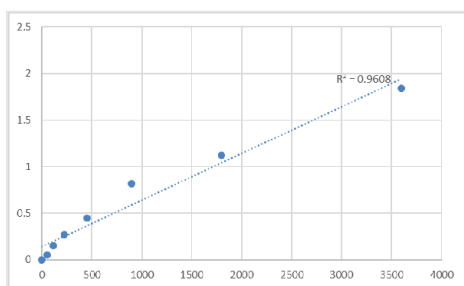
PRODUCT SYNONYMS

Neural Cell Adhesion Molecule 1 (NCAM1); Human Neural Cell Adhesion Molecule 1 (NCAM1) ELISA Kit; NCAM1; CD56; MSK39; NCAM; antigen recognized by monoclonal antibody 5.1H11; neural cell adhesion molecule; NCAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Neural cell adhesion molecule 1 (NCAM1) ELISA Kit has high sensitivity and excellent specificity for detection of Human NCAM1. No significant cross-reactivity or interference between Human NCAM1 and analogues was observed.
Sequence Length	858
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Neural cell adhesion molecule 1 (NCAM1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NCAM1 elisa kit	Description: This Human Neural cell adhesion molecule 1 (NCAM1) ELISA Kit employs a two-site sandwich ELISA to quantitate NCAM1 in samples. An antibody specific for NCAM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NCAM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NCAM1 is added to the wells. After washing, Streptavidin 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 NCAM1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NCAM1 encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. Neural cell adhesion molecule 1 is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. Neural cell adhesion molecule 1 has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205830665
NCBI GeneID	4684
UniProt Accession #	P13591
NCBI Official Full Name	Neural cell adhesion molecule 1
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/neural-cell-adhesion-molecule-1-ncam1/331515>