

CD56/NCAM-1 elisa kit

Monkey primate CD56/NCAM-1 PicoKine ELISA Kit

CATALOG # AAA124806	REACTIVITY Monkey There is no detectable cross-reactivity with other relevant proteins.	APPLICATIONS ELISA
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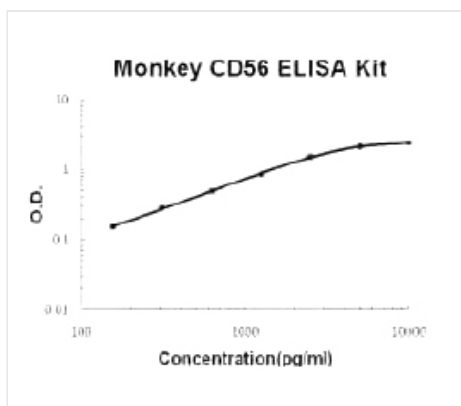
PRODUCT SYNONYMS

CD56/NCAM-1; Monkey primate CD56/NCAM-1 PicoKine ELISA Kit; Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD56; NCAM1; NCAM; CD56/NCAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant 215 Monkey primate CD56/NCAM-1
Sequence Length	364
Assay Type	Quantitative Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<10pg/ml
Applicable Applications for CD56/NCAM-1 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD56/NCAM-1 elisa kit	Principle of the Assay: 215 Monkey primate CD56/NCAM-1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Monkey primate CD56/NCAM-1 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: L20-G718) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Monkey primate CD56/NCAM-1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 215 Monkey primate CD56/NCAM-1 amount of sample captured in plate. Background: Neural Cell Adhesion Molecule, NCAM, also known as the cluster of differentiation CD56, is a hemophilic binding glycoprotein. It is a glycoprotein of Immunoglobulin(Ig) super family. At least 27 alternatively spliced NCAM mRNAs are produced, giving a wide diversity of NCAM isoforms NCAM gene is located at 11q22-q23. This glycoprotein is mainly expressed on the surface of neurons, glia, skeletal muscle and natural killer cells. NCAM has been implicated as having a role in cell-cell adhesion, neurite outgrowth, synaptic plasticity, and learning and memory.
Product Categories/Family for CD56/NCAM-1 elisa kit	Neuroscience; cell adhesion proteins; membrane proteins; Neuroscience; Neurology Process; Growth and Development; Axonal Guidance Proteins; Developmental Biology; Organogenesis; Nervous System Development ; Kits/Lysates/Other; ELISA Kits; cd markers ELISA

NCBI AND UNIPROT INFORMATION

NCBI GI #	94420689
NCBI GeneID	4684
NCBI Accession #	NP_000606.3
NCBI GenBank Nucleotide #	NM_000615.6
UniProt Accession #	P13591; P13592; P13593; Q05C58; Q15829; Q16180; Q16209; Q59FL7; Q86X47; Q96CJ3; A8K8T8
Molecular Weight	94574 MW
NCBI Official Full Name	neural cell adhesion molecule 1 isoform 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

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/monkey-elisa-kits/cd56-ncam-1/124806>