

Human NCAM/CD56 (Neural Cell Adhesion Molecule) CLIA Kit | NCAM/CD56 clia kit

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CATALOG #
AAA171207

REACTIVITY
Human

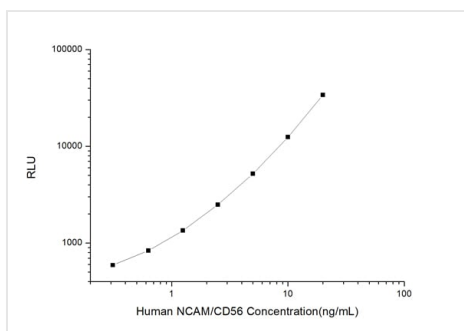
PRODUCT SYNONYMS

NCAM/CD56 (Neural Cell Adhesion Molecule); Human NCAM/CD56 (Neural Cell Adhesion Molecule) CLIA Kit; NCAM/CD56 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant NCAM/CD56. No significant cross-reactivity or interference between NCAM/CD56 and analogues was observed.
Sequence Length	23
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NCAM/CD56 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of NCAM/CD56 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to NCAM/CD56. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NCAM/CD56 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NCAM/CD56, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of NCAM/CD56. You can calculate the concentration of NCAM/CD56 in the samples by comparing the RLU value of the samples to the standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/ncam-cd56-neural-cell-adhesion-molecule/171207>