

Human SIGLEC-1/CD169 ELISA Kit | SIGLEC-1/CD169 elisa kit

Human SIGLEC-1/CD169 PicoKine Quick ELISA Kit

CATALOG # AAA128087	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

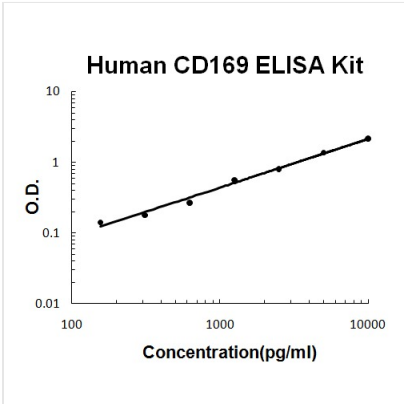
SIGLEC-1/CD169; Human SIGLEC-1/CD169 PicoKine Quick ELISA Kit; Sialoadhesin; Sialic acid-binding Ig-like lectin 1; Siglec-1; CD169; SIGLEC1; SN; SIGLEC-1/CD169 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: S20-Q1641
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for SIGLEC-1/CD169 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)015631262512502500500010000O.D.0.0850.1590.1910.2680.4940.7541.3132.051
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)2781821407328616503922Standard deviation20.01138.39240.322.59148.5262.77CV (%)7.2%7.6%5.9%7.9%9%6.7%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 12782762872632768.573.1%Sample 218212107208118051953140.917.2%Sample 340734478474141424358268.776.1%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human CD169/SIGLEC-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SIGLEC-1/CD169 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for SIGLEC-1/CD169 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	119630923
NCBI GeneID	6614
UniProt Accession #	Q9BZZ2 ; Q96DL4 ; Q9GZS5 ; Q9H1H6 ; Q9H1H7 ; Q9H7L7
Molecular Weight	182,624 Da
NCBI Official Full Name	sialic acid binding Ig-like lectin 1, sialoadhesin, isoform CRA_b, partial
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 1, sialoadhesin
NCBI Official Symbol	SIGLEC1
NCBI Official Synonym Symbols	SN; CD169; SIGLEC-1; dJ1009E24.1
NCBI Protein Information	sialoadhesin; sialic acid-binding Ig-like lectin 1; sialic acid-binding immunoglobulin-like lectin 1
UniProt Protein Name	Sialoadhesin
UniProt Gene Name	SIGLEC1
UniProt Synonym Gene Names	SN; Siglec-1
UniProt Entry Name	SN_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/siglec-1-cd169/128087>