

Human Sialic Acid Binding Ig Like Lectin 1 (SIGLEC1) ELISA Kit | SIGLEC1 elisa kit

Human Sialic Acid Binding Ig Like Lectin 1 (SIGLEC1) ELISA Kit

CATALOG #
AAA67256

REACTIVITY
Human

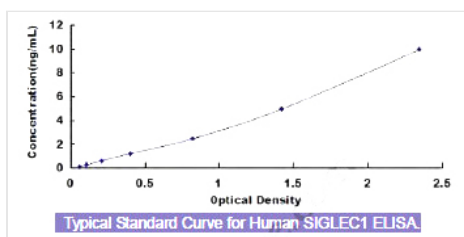
PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 1 (SIGLEC1); Human Sialic Acid Binding Ig Like Lectin 1 (SIGLEC1) ELISA Kit; CD169; SN; Sialoadhesin; SIGLEC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SIGLEC1. No significant cross-reactivity or interference between SIGLEC1 and analogues was observed.
Sequence Length	1709
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SIGLEC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SIGLEC1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGLEC1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SIGLEC1 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SIGLEC1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SIGLEC1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SIGLEC1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SIGLEC1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489095
NCBI GeneID	6614
NCBI Accession #	NP_075556.1
NCBI GenBank Nucleotide #	NM_023068.3
UniProt Accession #	Q9BZZ2; Q96DL4; Q9GZS5; Q9H1H6; Q9H1H7; Q9H7L7
Molecular Weight	181,733 Da
NCBI Official Full Name	sialoadhesin
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 1
NCBI Official Symbol	SIGLEC1
NCBI Official Synonym Symbols	SN; CD169; SIGLEC-1; dJ1009E24.1
NCBI Protein Information	sialoadhesin
UniProt Protein Name	Sialoadhesin
UniProt Gene Name	SIGLEC1
UniProt Synonym Gene Names	SN; Siglec-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/sialic-acid-binding-ig-like-lectin-1-siglec1/67256>