Human Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6) ELISA Kit | SIGLEC6 elisa kit

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CATALOG #	REACTIVITY
AAA186431	**Human**

PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6); Human Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6) ELISA Kit; CD33L; CD33L1; OBBP1; OB-BP1; SIGLEC-6; CD327; CD33 antigen-like 1; Obesity-binding protein 1; SIGLEC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6). No significant cross-reactivity or interference between Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6) and analogues was observed.
Sequence Length	401
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGLEC6 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6). 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 Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6), 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 Sialic Acid Binding Ig Like Lectin 6 (SIGLEC6) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273884
NCBI GeneID	946
UniProt Accession #	O43699; O15388; O43700; A8MV71; B2RTS8; C9JBE5; F8WA78
Molecular Weight	44,348 Da
NCBI Official Full Name	Sialic acid-binding Ig-like lectin 6
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 6
NCBI Official Symbol	SIGLEC6
NCBI Official Synonym Symbols	CD327; CD33L; OBBP1; CD33L1; CD33L2; CDW327
NCBI Protein Information	sialic acid-binding Ig-like lectin 6
UniProt Protein Name	Sialic acid-binding Ig-like lectin 6
UniProt Gene Name	**SIGLEC6**
UniProt Synonym Gene Names	CD33L; CD33L1; OBBP1; Siglec-6; OB-BP1

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/sialic-acid-binding-ig-like-lectin-6-siglec6/186431