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

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CATALOG #	REACTIVITY
AAA330871	**Human**

PRODUCT SYNONYMS

Sialic Acid-Binding Ig-Like Lectin 6 (SIGLEC6); Human Sialic Acid-Binding Ig-Like Lectin 6 (SIGLEC6) ELISA Kit; SIGLEC6; CD327; CD33L; CD33L1; CDw327; OBBP1; SIGLEC-6; CD33 antigen-like 1; CDw327 antigen; Obesity-binding protein 1; SIGLEC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sialic acid-binding Ig-like lectin 6 (SIGLEC6) ELISA Kit has high sensitivity and excellent specificity for detection of Human SIGLEC6. No significant cross-reactivity or interference between Human SIGLEC6 and analogues was observed.
Sequence Length	453
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES

Standard Curve (Sample)
Fig.1. Human Sialic acid-binding Ig-like lectin 6 (SIGLEC6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SIGLEC6 elisa kit	Description: This Human Sialic acid-binding Ig-like lectin 6 (SIGLEC6) ELISA Kit employs a two-site sandwich ELISA to quantitate SIGLEC6 in samples. An antibody specific for SIGLEC6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIGLEC6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIGLEC6 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SIGLEC6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 442-amino acid CD33L protein contains a signal peptide, an N-terminal Ig-like V-domain, and 2 adjacent Ig C2-like domains, followed by a transmembrane region and a cytoplasmic tail. Based on its predicted structure, the authors stated that CD33L belongs to the Ig superfamily and is likely a novel member of the sialoadhesin subfamily. Compared to the original cDNA, this cDNA contains a 176-bp deletion in the coding sequence, resulting in a predicted 342-amino acid protein lacking the transmembrane and cytoplasmic regions. By RT-PCR of placenta RNA, the authors detected both transcripts, although the transcript encoding the membrane-bound isoform, CD33L1, was considerably more abundant.CD33L expression only in the placenta; transcripts of 4 distinct sizes were found, including 1 that was differentially polyadenylated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273884
NCBI GeneID	946
UniProt Accession #	O43699
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-siglec6/330871