

Human Sialic Acid-Binding Ig-Like Lectin 10 (SIGLEC10) ELISA Kit | SIGLEC10 elisa kit

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CATALOG #
AAA330872

REACTIVITY
Human

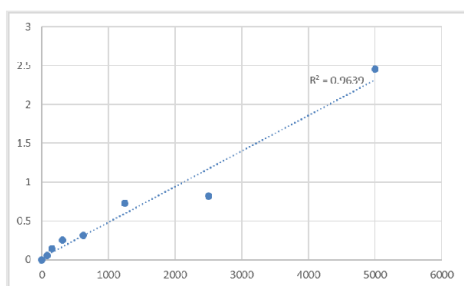
PRODUCT SYNONYMS

Sialic Acid-Binding Ig-Like Lectin 10 (SIGLEC10); Human Sialic Acid-Binding Ig-Like Lectin 10 (SIGLEC10) ELISA Kit; SIGLEC10; MGC126774; PRO940; SIGLEC-10; SLG2; sialic acid binding Ig-like lectin 10 Ig-like lectin 7; siglec-like gene 2; SIGLEC10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sialic acid-binding Ig-like lectin 10 (SIGLEC10) ELISA Kit has high sensitivity and excellent specificity for detection of Human SIGLEC10. No significant cross-reactivity or interference between Human SIGLEC10 and analogues was observed.
Sequence Length	639
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 10 (SIGLEC10) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SIGLEC10 elisa kit	Description: This Human Sialic acid-binding Ig-like lectin 10 (SIGLEC10) ELISA Kit employs a two-site sandwich ELISA to quantitate SIGLEC10 in samples. An antibody specific for SIGLEC10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIGLEC10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIGLEC10 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 SIGLEC10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: By searching an EST database for sequences resembling CD33 (SIGLEC3) and screening a spleen cDNA library, Munday et al. (2001) isolated a cDNA encoding SIGLEC10. Sequence analysis predicted that the 697-amino acid SIGLEC10 protein contains a signal peptide, an N-terminal V-set Ig-like domain and 4 C2-set Ig-like domains, 5 potential N-linked glycosylation sites, a transmembrane region, and a 126-residue cytoplasmic tail with 3 putative ITIMs. Northern blot analysis detected a major 3.0-kb SIGLEC10 transcript, with highest levels in spleen, lymph node, blood leukocytes, and appendix. Little or no expression was observed in pancreas, thyroid, and testis. Flow cytometric analysis demonstrated eosinophil-specific expression of SIGLEC10, but at a lower level than that of SIGLEC8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	283837876
NCBI GeneID	89790
NCBI Accession #	NP_001164627.1
NCBI GenBank Nucleotide #	NP_001164627.1
UniProt Accession #	Q96LC7
NCBI Official Full Name	sialic acid-binding Ig-like lectin 10 isoform 2
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 10
NCBI Official Symbol	SIGLEC10
NCBI Official Synonym Symbols	SLG2; PRO940; SIGLEC-10
NCBI Protein Information	sialic acid-binding Ig-like lectin 10
UniProt Protein Name	Sialic acid-binding Ig-like lectin 10
UniProt Gene Name	SIGLEC10
UniProt Synonym Gene Names	SLG2; Siglec-10
UniProt Entry Name	SIG10_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/sialic-acid-binding-ig-like-lectin-10-siglec10/330872>