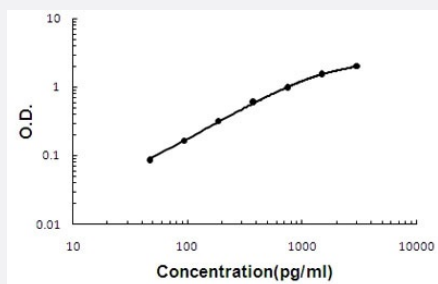


SIGLEC5 (Human) ELISA Kit

Catalog # KA6185 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	SIGLEC5 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human SIGLEC5 in cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell Culture supernatants, Cell Lysates, Plasma (EDTA, Heparin) and Serum.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	46.9 to 3000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — SIGLEC5

Entrez GeneID [8778](#)

Protein Accession# [O15389](#)

Gene Name SIGLEC5

Gene Alias CD170, CD33L2, OB-BP2, OBBP2, SIGLEC-5

Gene Description sialic acid binding Ig-like lectin 5

Omim ID [604200](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The sialic acid-binding immunoglobulin-like lectins (SIGLECs), such as SIGLEC5, are a subgroup of the immunoglobulin (Ig) superfamily that mediate protein-carbohydrate interactions. They specifically interact with sialic acids in glycoproteins and glycolipids, with each SIGLEC having a particular preference for both the nature of the sialic acid and its glycosidic linkage to adjacent sugars. SIGLECs have similar structures, including extracellular Ig-like domains composed of an N-terminal V-set domain followed by varying numbers of C2-set domains. It appears that all SIGLECs have an unusual arrangement of conserved cysteine residues in the V-set and adjacent C2-set domains. Most SIGLECs are expressed uniquely within the hematopoietic system (Cornish et al., 1998 [PubMed 9731071]).[supplied by OMIM]

Other Designations CD33 antigen-like 2|OB binding protein-2|sialic acid-binding immunoglobulin-like lectin 5