

Human Siglec-7/CD328 ELISA Kit | SIGLEC7 elisa kit

Human Siglec-7/CD328 PicoKine ELISA Kit

CATALOG #
AAA46684

REACTIVITY
Human

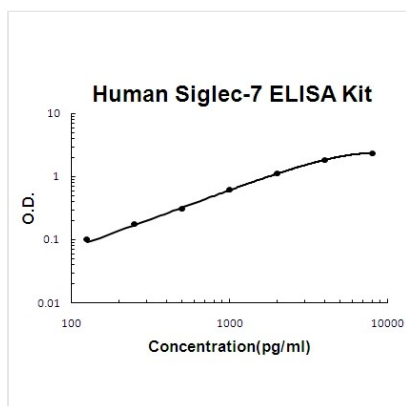
PRODUCT SYNONYMS

Siglec-7/CD328; Human Siglec-7/CD328 PicoKine ELISA Kit; AIRM1; AIRM-1; AIRM 1; CD328; D siglec; D-siglec; HLDA 8; p75; QA79; Siglec-7 ? SIGLEC7 ? SIGLEC19P ? SIGLECP2; Q9Y286 ; Sialic acid-binding Ig-like lectin 7; sialic acid binding Ig like lectin 7; SIGLEC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human Siglec-7/CD328
Sequence Length	145
Samples	Cell culture supernates, serum and plasma(heparin).
Assay Type	Sandwich
Detection Range	125pg/ml-8000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Human Siglec-7/CD328 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SIGLEC7 elisa kit	Principle of the Assay: Human Siglec-7/CD328 ELISA Kit was based on standard sandwich enzyme-linked immunosorbent assay technology. A monoclonal antibody from mouse specific for Siglec-7/CD328 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: Q19-L353) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Siglec-7/CD328 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Siglec-7/CD328 amount of sample captured in plate. Background/Introduction: Sialic acid-binding Ig-like lectin 7, also known as CD328 (cluster of differentiation 328) or AIRM1, is a protein that in humans is encoded by the SIGLEC7 gene. And this gene is mapped to chromosome 19. AIRM1 is a novel member of the sialoadhesin family characterized by 3 immunoglobulin-like extracellular domains (1 N-terminal V type and 2 C2 type) and a classic immunoreceptor tyrosinebased inhibitory motif (ITIM) in the cytoplasmic portion. The highest amino acid sequence similarity found was with the myeloid-specific CD33 molecule, and similar to other sialoadhesin molecules, AIRM1 appears to mediate sialic acid-dependent ligand recognition.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	469469047
NCBI GeneID	27036
NCBI Accession #	NP_001264130.1
NCBI GenBank Nucleotide #	NM_001277201.1
UniProt Accession #	Q9Y286; Q9NZQ1; Q9UJ86; Q9UJ87; Q9Y502
Molecular Weight	16,740 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 7 isoform 3
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 7
NCBI Official Symbol	SIGLEC7
NCBI Official Synonym Symbols	p75; QA79; AIRM1; CD328; CDw328; D-siglec; SIGLEC-7; SIGLECP2; SIGLEC19P; p75/AIRM1
NCBI Protein Information	sialic acid-binding Ig-like lectin 7
UniProt Protein Name	Sialic acid-binding Ig-like lectin 7
UniProt Gene Name	SIGLEC7
UniProt Synonym Gene Names	AIRM1; Siglec-7; AIRM-1
UniProt Entry Name	SIGL7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/siglec7-human-elisa-kits/siglec-7-cd328/46684>