

Human CD328 ELISA Kit | SIGLEC7 elisa kit

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CATALOG #
AAA263085

REACTIVITY
Human

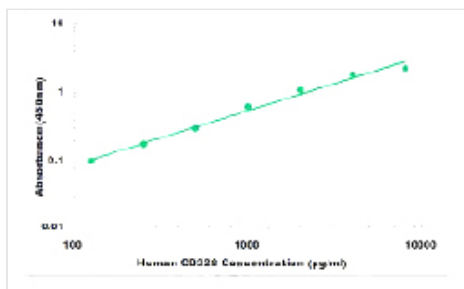
PRODUCT SYNONYMS

CD328; Human CD328 ELISA Kit; AIRM1; Sialic acid-binding Ig-like lectin 7; Siglec-7; Adhesion inhibitory receptor molecule 1; AIRM-1; CDw328; D-siglec; QA79 membrane protein; p75; SIGLEC7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CD328 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CD328 proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	145
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGLEC7 elisa kit

Principle of the Assay: The Human CD328 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CD328 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human CD328 coated on a 96-well plate. Standards and samples are pipetted into the wells and CD328 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CD328 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD328 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: 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 tyrosine-based 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.

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Online datasheet: <https://stage.aaabiotech.com/siglec7-human-elisa-kits/cd328/263085>