

Human Sialic Acid Binding Ig Like Lectin 8 ELISA Kit | SIGLEC8 elisa kit

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CATALOG #
AAA100609

REACTIVITY
Human

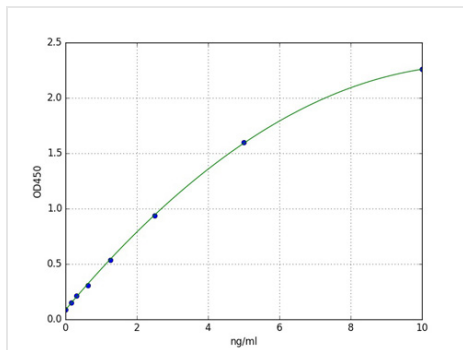
PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 8; Human Sialic Acid Binding Ig Like Lectin 8 ELISA Kit; SIGLEC8/SAF2/SIGLEC8L/CD329 antigen/CDw329/MGC59785/SAF2SAF-2/sialic acid binding Ig-like lectin 8/Sialoadhesin family member 2/Siglec-8/SIGLEC-8/SIGLEC8Lsialic acid-binding Ig-like lectin 8; SIGLEC8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	499
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human SIGLEC8 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.032	0.162	0.273	0.512	0.860	1.662	2.134	2.175

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGLEC8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human SIGLEC8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SIGLEC8 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 SIGLEC8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SIGLEC8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538343
NCBI GeneID	27181
NCBI Accession #	NP_055257.2
NCBI GenBank Nucleotide #	NM_014442.2
Molecular Weight	46,434 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 8
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 8
NCBI Official Symbol	SIGLEC8
NCBI Official Synonym Symbols	SAF2; SIGLEC-8; SIGLEC8L
NCBI Protein Information	sialic acid-binding Ig-like lectin 8
UniProt Protein Name	Sialic acid-binding Ig-like lectin 8
UniProt Gene Name	SIGLEC8
UniProt Synonym Gene Names	SAF2; Siglec-8; SAF-2
UniProt Entry Name	SIGL8_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/siglec8-human-elisa-kits/sialic-acid-binding-ig-like-lectin-8/100609>