

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

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CATALOG #
AAA63933

REACTIVITY
Human

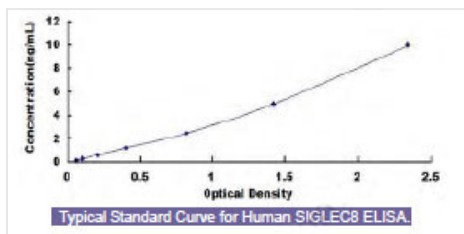
PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 8 (SIGLEC8); Human Sialic Acid Binding Ig Like Lectin 8 (SIGLEC8) ELISA Kit; SAF2; SIGLEC-8; SIGLEC8L; Sialoadhesin family member 2; SIGLEC8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SIGLEC8. No significant cross-reactivity or interference between SIGLEC8 and analogues was observed.
Sequence Length	499
Samples	Cell lysates.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SIGLEC8 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SIGLEC8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGLEC8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SIGLEC8 in human cell lysates. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SIGLEC8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SIGLEC8. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SIGLEC8, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SIGLEC8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94538343
NCBI GeneID	27181
NCBI Accession #	NP_055257.2
NCBI GenBank Nucleotide #	NM_014442.2
UniProt Accession #	Q9NYZ4; Q7Z728
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

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-8-siglec8/63933>