

Human Sialic Acid Binding Ig Like Lectin 14 ELISA Kit | SIGLEC14 elisa kit

Human Sialic Acid Binding Ig Like Lectin 14 (SIGLEC14) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190088

REACTIVITY
Human

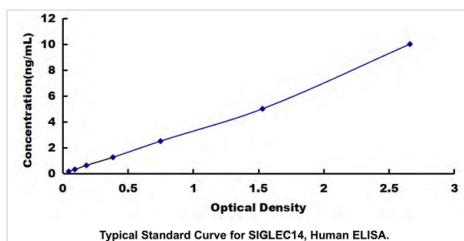
PRODUCT SYNONYMS

Sialic Acid Binding Ig Like Lectin 14; Human Sialic Acid Binding Ig Like Lectin 14 (SIGLEC14) (Sandwich ELISA) ELISA Kit; ELISA Kit for Sialic Acid Binding Ig Like Lectin 14 (SIGLEC14); SIGLEC14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SIGLEC14. No significant cross-reactivity or interference between SIGLEC14 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SIGLEC14 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 SIGLEC14 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIGLEC14 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SIGLEC14. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SIGLEC14. 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 SIGLEC14, 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 SIGLEC14 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SIGLEC14 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for SIGLEC14 elisa kit	CD & Adhesion molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	148762980
NCBI GeneID	100049587
NCBI Accession #	NP_001092082.1
NCBI GenBank Nucleotide #	NM_001098612.1
UniProt Accession #	Q08ET2; Q6UXG0
Molecular Weight	43,970 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 14
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 14
NCBI Official Symbol	SIGLEC14
NCBI Protein Information	sialic acid-binding Ig-like lectin 14; siglec-14
UniProt Protein Name	Sialic acid-binding Ig-like lectin 14
UniProt Gene Name	SIGLEC14
UniProt Synonym Gene Names	Siglec-14
UniProt Entry Name	SIG14_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/siglec14-human-elisa-kits/sialic-acid-binding-ig-like-lectin-14/190088>