

Human Sialoadhesin (SIGLEC1) ELISA Kit | SIGLEC1 elisa kit

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CATALOG #
AAA330873

REACTIVITY
Human

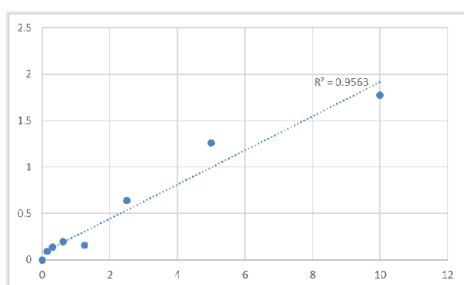
PRODUCT SYNONYMS

Sialoadhesin (SIGLEC1); Human Sialoadhesin (SIGLEC1) ELISA Kit; SIGLEC1; CD169; DKFZp667F058; FLJ00051; FLJ00055; FLJ00073; FLJ00411; FLJ32150; SIGLEC-1; SN; dJ1009E24.1; sialic acid-binding immunoglobulin-like lectin 1; sialoadhesin; SIGLEC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sialoadhesin (SIGLEC1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SIGLEC1. No significant cross-reactivity or interference between Human SIGLEC1 and analogues was observed.
Sequence Length	1649
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Sialoadhesin (SIGLEC1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SIGLEC1 elisa kit	Description: This Human Sialoadhesin (SIGLEC1) ELISA Kit employs a two-site sandwich ELISA to quantitate SIGLEC1 in samples. An antibody specific for SIGLEC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIGLEC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIGLEC1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SIGLEC1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Sialoadhesin is a cell adhesion molecule found on the surface of certain cells of the immune system called macrophages. It is defined as an I-type lectin, since it contains 17 immunoglobulin (Ig) domains (one variable domain and 16 constant domains), and thus also belongs to the immunoglobulin superfamily (IgSF). Since sialoadhesin binds sialic acids with its N-terminal IgV-domain, it is also a member of the SIGLEC family. Alternate names for sialoadhesin include siglec-1 and CD169 (cluster of differentiation 169). Sialoadhesin predominately binds neutrophils, but can also bind monocytes, natural killer cells, B cells and a subset of cytotoxic T cells by interacting with sialic acid molecules in the ligands on their surfaces.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119630923
NCBI GeneID	6614
UniProt Accession #	Q9BZZ2
NCBI Official Full Name	sialic acid binding Ig-like lectin 1, sialoadhesin, isoform CRA_b, partial
NCBI Official Synonym Full Names	sialic acid binding Ig like lectin 1
NCBI Official Symbol	SIGLEC1
NCBI Official Synonym Symbols	SN; CD169; SIGLEC-1
NCBI Protein Information	sialoadhesin
UniProt Protein Name	Sialoadhesin
UniProt Gene Name	SIGLEC1
UniProt Synonym Gene Names	SN; Siglec-1
UniProt Entry Name	SN_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.