

Human CD209 antigen (CD209) ELISA Kit | CD209 elisa kit

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CATALOG #
AAA244957

REACTIVITY
Human

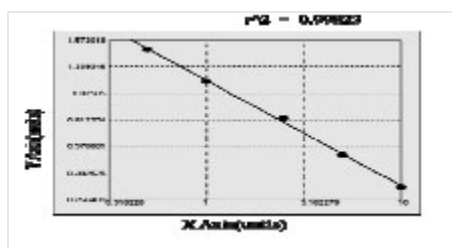
PRODUCT SYNONYMS

CD209 antigen (CD209); Human CD209 antigen (CD209) ELISA Kit; CD209 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD209 elisa kit

Intended Uses: This CD209 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CD209. This ELISA kit for research use only!

Principle of the Assay: CD209 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD209 antibody and an CD209-HRP conjugate. The assay sample and buffer are incubated together with CD209-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD209 concentration since CD209 from samples and CD209-HRP conjugate compete for the anti-CD209 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD209 from the sample, fewer sites are left to bind CD209-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD209 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD209 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	223029517
NCBI GeneID	30835
NCBI Accession #	NP_001138371.1
NCBI GenBank Nucleotide #	NM_001144899.1
Molecular Weight	33,874 Da
NCBI Official Full Name	CD209 antigen isoform 8
NCBI Official Synonym Full Names	CD209 molecule
NCBI Official Symbol	CD209
NCBI Official Synonym Symbols	CDSIGN; CLEC4L; DC-SIGN; DC-SIGN1
NCBI Protein Information	CD209 antigen; HIV gpl20-binding protein; C-type lectin domain family 4 member L; C-type lectin domain family 4, member L; dendritic cell-specific ICAM-3-grabbing non-integrin 1; dendritic cell-specific intracellular adhesion molecules (ICAM)-3 grabbing non-integrin
UniProt Protein Name	CD209 antigen
UniProt Gene Name	CD209
UniProt Synonym Gene Names	CLEC4L; DC-SIGN; DC-SIGN1
UniProt Entry Name	CD209_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/human-elisa-kits/cd209-antigen-cd209/244957>