

Human C type lectin domain family 4 member C (CLEC4C) ELISA Kit | CLEC4C elisa kit

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CATALOG #
AAA245523

REACTIVITY
Human

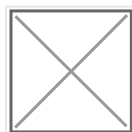
PRODUCT SYNONYMS

C type lectin domain family 4 member C (CLEC4C); Human C type lectin domain family 4 member C (CLEC4C) ELISA Kit; CLEC4C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC4C elisa kit

Intended Uses: This CLEC4C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CLEC4C. This ELISA kit for research use only!

Principle of the Assay: CLEC4C ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CLEC4C antibody and an CLEC4C-HRP conjugate. The assay sample and buffer are incubated together with CLEC4C-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 CLEC4C concentration since CLEC4C from samples and CLEC4C-HRP conjugate compete for the anti-CLEC4C antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC4C from the sample, fewer sites are left to bind CLEC4C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC4C concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CLEC4C elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #

[45580692](#)

NCBI GeneID	170482
NCBI Accession #	NP_987099.1
NCBI GenBank Nucleotide #	NM_203503.1
Molecular Weight	21,498 Da
NCBI Official Full Name	C-type lectin domain family 4 member C isoform 2
NCBI Official Synonym Full Names	C-type lectin domain family 4, member C
NCBI Official Symbol	CLEC4C
NCBI Official Synonym Symbols	DLEC; HECL; BDCA2; CD303; CLECSF7; CLECSF11; PRO34150
NCBI Protein Information	C-type lectin domain family 4 member C; BDCA-2; dendritic lectin; dendritic cell lectin b; C-type lectin superfamily member 7; blood dendritic cell antigen 2 protein; C-type lectin domain family 4, member C, isoform 1; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 7; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 11
UniProt Protein Name	C-type lectin domain family 4 member C
UniProt Gene Name	CLEC4C
UniProt Synonym Gene Names	BDCA2; CLECSF11; CLECSF7; DLEC; HECL; UNQ9361/PRO34150; BDCA-2
UniProt Entry Name	CLC4C_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/c-type-lectin-domain-family-4-member-c-clec4c/245523>