

Human CLEC4C ELISA Kit | CLEC4C elisa kit

Human CLEC4C PicoKine ELISA Kit

CATALOG #
AAA125253

REACTIVITY
Human

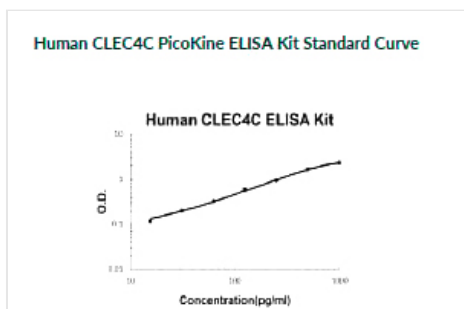
PRODUCT SYNONYMS

CLEC4C; Human CLEC4C PicoKine ELISA Kit; Human CLEC4C; C-type lectin domain family 4 member C; Blood dendritic cell antigen 2; BDCA-2; C-type lectin superfamily member 7; Dendritic lectin; CD303; BDCA2; CLECSF11; CLECSF7; DLEC; HECL; UNQ9361; PRO34150; CLEC4C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CLEC4C
Sequence Length	182
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC4C elisa kit	Principle of the Assay: The Picokine™ Human CLEC4C Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CLEC4C with a 96-well strip plate that is pre-coated with antibody specific for CLEC4C. The detection antibody is a biotinylated antibody specific for CLEC4C. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human CLEC4C with immunogen:. The kit is analytically validated with ready to use reagents. To measure Human CLEC4C, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human CLEC4C in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CLEC4C in the sample.!!Background/Introduction: CLEC4C is a membrane protein of plasmacytoid dendritic cells used as a marker for this kind of cells and denoted as CD303 in the nomenclature of the Cluster of differentiation. This gene is mapped to 12p13.31. This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45580692
NCBI GeneID	170482
NCBI Accession #	NP_987099.1
NCBI GenBank Nucleotide #	NP_987099.1
UniProt Accession #	Q8WTT0
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; BDCA-2; CLECSF7; CLECSF11; PRO34150
NCBI Protein Information	C-type lectin domain family 4 member C
UniProt Protein Name	C-type lectin domain family 4 member C
UniProt Gene Name	CLEC4C
UniProt Synonym Gene Names	BDCA2; CLECSF11; CLECSF7; DLEC; HECL; 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/clec4c/125253>