

CD300C elisa kit

Human CD300C PicoKine ELISA Kit

CATALOG #
AAA125105

REACTIVITY
HumanThere is no detectable cross-reactivity with other relevant proteins.

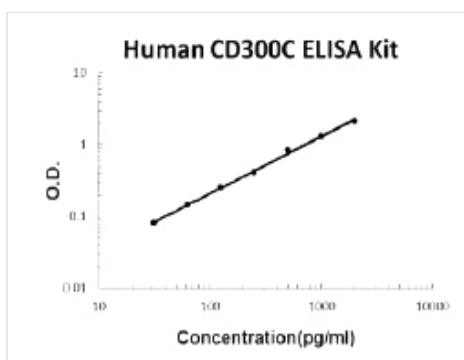
PRODUCT SYNONYMS

CD300C; Human CD300C PicoKine ELISA Kit; Human CD300C; CMRF35-like molecule 6; CLM-6; CD300 antigen-like family member C; CMRF35-A; CMRF-35; Immunoglobulin superfamily member 16; IgSF16; CD300c; CMRF35; CMRF35A; CMRF35A1; IGSF16; CD300c molecule; CD300C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human CD300A
Sequence Length	224
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta)
Detection Range	31.2pg/ml-2000pg/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 accross 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 CD300C elisa kit	Principle of the Assay: The Picokine Human CD300A Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CD300A with a 96-well strip plate that is pre-coated with antibody specific for CD300A. The detection antibody is a biotinylated antibody specific for CD300A. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Human CD300A with immunogen: Expression system for standard: NSO, Immunogen sequence: L18-P180. The kit is analytically validated with ready to use reagents. To measure Human CD300A, 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 propotional to Human CD300A 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 CD300A in the sample!!Background/Introduction: CD300A (Cluster of Differentiation 300A) is a human gene. It is mapped to 17q25.1. This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729776
NCBI GeneID	10871
NCBI Accession #	NP_006669.1
NCBI GenBank Nucleotide #	NM_006678.4
UniProt Accession #	Q08708
Molecular Weight	24,830 Da
NCBI Official Full Name	CMRF35-like molecule 6
NCBI Official Synonym Full Names	CD300c molecule
NCBI Official Symbol	CD300C
NCBI Official Synonym Symbols	LIR; CLM-6; CMRF35; IGSF16; CMRF-35; CMRF35A; CMRF-35A; CMRF35A1; CMRF35-A1
NCBI Protein Information	CMRF35-like molecule 6
UniProt Protein Name	CMRF35-like molecule 6
UniProt Gene Name	CD300C
UniProt Synonym Gene Names	CMRF35; CMRF35A; CMRF35A1; IGSF16; CLM-6; CMRF-35; IgSF16

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.