

Human CD300LG ELISA Kit | CD300LG elisa kit

Human CD300LG ELISA Kit PicoKine

CATALOG # AAA126702	REACTIVITY Human	APPLICATIONS ELISA
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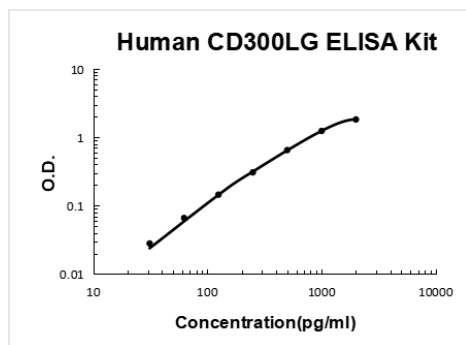
PRODUCT SYNONYMS

CD300LG; Human CD300LG ELISA Kit PicoKine; CD300LG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD300LG
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<20 pg/ml
Applicable Applications for CD300LG elisa kit	ELISA
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, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human CD300LG PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD300LG elisa kit	Background: Members of the CD300-like (CD300L) family, such as CD300LG, are widely expressed on hematopoietic cells. All CD300L proteins are type I cell surface glycoproteins that contain a single immunoglobulin (Ig) V-like domain. Principle of the Assay: The Picokine™ Human CD300LG Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CD300LG with a 96-well strip plate that is pre-coated with antibody specific for CD300LG. The detection antibody is a biotinylated antibody specific for CD300LG. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CD300LG protein as standards. To measure Human CD300LG, 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 an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human CD300LG in the sample. Read the absorbance 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 CD300LG in the sample.
Product Categories/Family for CD300LG elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	270132789
NCBI GeneID	146894
NCBI Accession #	NP_001161794.1
NCBI GenBank Nucleotide #	NM_001168322.1
UniProt Accession #	Q6UXG3; Q8IX38; Q8IX39; Q8TA95; B4DNY5; F5H7P9; F8W9M3
Molecular Weight	36,060 Da
NCBI Official Full Name	CMRF35-like molecule 9 isoform 4
NCBI Official Synonym Full Names	CD300 molecule-like family member g
NCBI Official Symbol	CD300LG
NCBI Official Synonym Symbols	CLM9; CLM-9; TREM4; TREM-4; NEPMUCIN
NCBI Protein Information	CMRF35-like molecule 9; CD300 antigen like family member G; CD300 antigen-like family member G; CD300 molecule like family member g; triggering receptor expressed on myeloid cells 4
UniProt Protein Name	CMRF35-like molecule 9
UniProt Gene Name	CD300LG
UniProt Synonym Gene Names	CLM9; TREM4; CLM-9; TREM-4
UniProt Entry Name	CLM9_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.