

Human CD300E ELISA Kit | CD300E elisa kit

Human CD300E ELISA Kit PicoKine

CATALOG # AAA126701	REACTIVITY Human	APPLICATIONS ELISA
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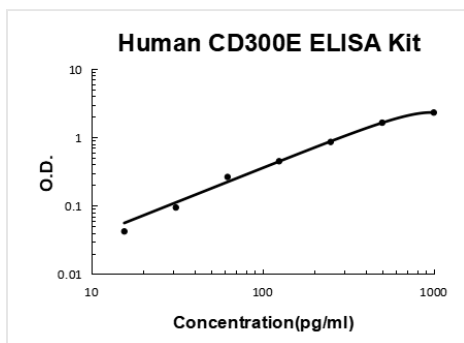
PRODUCT SYNONYMS

CD300E; Human CD300E ELISA Kit PicoKine; CD300E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD300E
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CD300E 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 CD300E PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD300E elisa kit	Background: This gene encodes a member of the CD300 glycoprotein family of cell surface proteins expressed on myeloid cells. The protein interacts with the TYRO protein tyrosine kinase-binding protein and is thought to act as an activating receptor. Principle of the Assay: The Picokine™ Human CD300E Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CD300E with a 96-well strip plate that is pre-coated with antibody specific for CD300E. The detection antibody is a biotinylated antibody specific for CD300E. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CD300E protein as standards. To measure Human CD300E, 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 CD300E 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 CD300E in the sample.
Product Categories/Family for CD300E elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	304571943
NCBI GeneID	342510
NCBI Accession #	NP_852114.2
NCBI GenBank Nucleotide #	NM_181449.2
UniProt Accession #	Q496F6; Q7Z7I3; B4DNS1
Molecular Weight	22,918 Da
NCBI Official Full Name	CMRF35-like molecule 2
NCBI Official Synonym Full Names	CD300e molecule
NCBI Official Symbol	CD300E
NCBI Official Synonym Symbols	CLM2; CLM-2; IREM2; PlgR2; IREM-2; PlgR-2; CD300LE; CMRF35-A5
NCBI Protein Information	CMRF35-like molecule 2
UniProt Protein Name	CMRF35-like molecule 2
UniProt Gene Name	CD300E
UniProt Synonym Gene Names	CD300LE; CLM2; CMRF35A5; IREM2; CLM-2; IREM-2; PlgR-2; PlgR2; Poly-Ig receptor 2
UniProt Entry Name	CLM2_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/cd300e/126701>