

Human CD302 ELISA Kit | CD302 elisa kit

Human CD302 ELISA Kit PicoKine

CATALOG # AAA126703	REACTIVITY Human	APPLICATIONS ELISA
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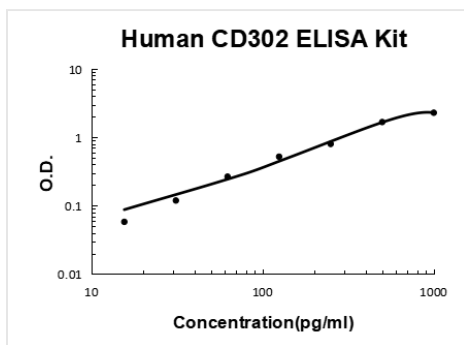
PRODUCT SYNONYMS

CD302; Human CD302 ELISA Kit PicoKine; CD302 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD302
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 CD302 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 CD302 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD302 elisa kit	Background: The CD302 antigen also known as C-type lectin domain family 13 member A is a protein that in humans is encoded by the CD302 gene. CD302 is a C-type lectin receptor involved in cell adhesion and migration, as well as endocytosis and phagocytosis. Principle of the Assay: The PicoKine™ Human CD302 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CD302 with a 96-well strip plate that is pre-coated with antibody specific for CD302. The detection antibody is a biotinylated antibody specific for CD302. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CD302 protein as standards. To measure Human CD302, 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 CD302 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 CD302 in the sample.
Product Categories/Family for CD302 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771590
NCBI GeneID	9936
NCBI Accession #	NP_001185692.1
NCBI GenBank Nucleotide #	NM_001198763.1
UniProt Accession #	Q8IX05; Q15009; A8K5G4; B4E2T9
Molecular Weight	26,183 Da
NCBI Official Full Name	CD302 antigen isoform 2
NCBI Official Synonym Full Names	CD302 molecule
NCBI Official Symbol	CD302
NCBI Official Synonym Symbols	DCL1; DCL-1; BIMLEC; CLEC13A
NCBI Protein Information	CD302 antigen; DEC205-associated C-type lectin 1; C-type lectin domain family 13, member A; type I transmembrane C-type lectin receptor DCL-1
UniProt Protein Name	CD302 antigen
UniProt Gene Name	CD302
UniProt Synonym Gene Names	CLEC13A; DCL1; KIAA0022
UniProt Entry Name	CD302_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.