

Human CDO ELISA Kit | CDON elisa kit

Human CDO ELISA Kit PicoKine

CATALOG # AAA126704	REACTIVITY Human	APPLICATIONS ELISA
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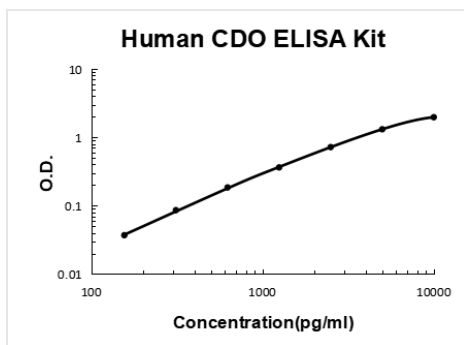
PRODUCT SYNONYMS

CDO; Human CDO ELISA Kit PicoKine; CDON elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CDON
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	156 pg/ml - 10,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CDON 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 CDO PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CDON elisa kit	Background: Cell adhesion molecule-related/down-regulated by oncogenes is a protein that in humans is encoded by the CDON gene. This gene encodes a cell surface receptor that is a member of the immunoglobulin superfamily. The encoded protein contains three fibronectin type III domains and five immunoglobulin-like C2-type domains. This protein is a member of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells and positively regulates myogenesis. Principle of the Assay: The Picokine™ Human CDON Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CDON with a 96-well strip plate that is pre-coated with antibody specific for CDON. The detection antibody is a biotinylated antibody specific for CDON. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CDON protein as standards. To measure Human CDON, 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 CDON 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 CDON in the sample.
Product Categories/Family for CDON elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	343790941
NCBI GeneID	50937
NCBI Accession #	NP_001230526.1
NCBI GenBank Nucleotide #	NM_001243597.1
UniProt Accession #	Q4KMG0; O14631
Molecular Weight	139,147 Da
NCBI Official Full Name	cell adhesion molecule-related/down-regulated by oncogenes isoform 1
NCBI Official Synonym Full Names	cell adhesion associated, oncogene regulated
NCBI Official Symbol	CDON
NCBI Official Synonym Symbols	CDO; CDON1; HPE11; ORCAM
NCBI Protein Information	cell adhesion molecule-related/down-regulated by oncogenes; Cdon homolog; surface glycoprotein, Ig superfamily member
UniProt Protein Name	Cell adhesion molecule-related/down-regulated by oncogenes
UniProt Gene Name	CDON
UniProt Synonym Gene Names	CDO
UniProt Entry Name	CDON_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.