

Human CD93/C1qR ELISA Kit | CD93 elisa kit

Human CD93/C1qR PicoKine ELISA Kit

CATALOG #
AAA45803

REACTIVITY
Human

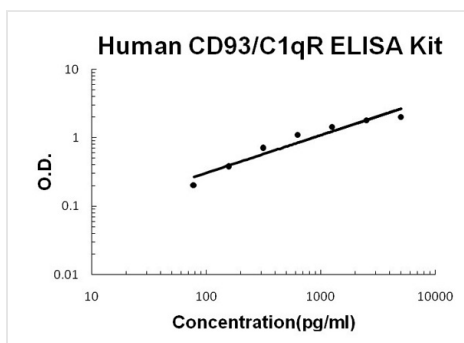
PRODUCT SYNONYMS

CD93/C1qR; Human CD93/C1qR PicoKine ELISA Kit; Complement component C1q receptor; CD93 molecule; C1q receptor 1; C1q/MBL/SPA receptor; C1qR; C1qR(p); C1qr1; C1QR1_HUMAN; C1qRp; CD93; CD93 antigen; CDw93; Complement component 1 q subcomponent receptor 1; dJ737E23.1; ECSM3; Matrix remodeling associated protein 4; Matrix remodelling associated 4; Matrix-remodeling-associated protein 4; MXRA4; CD93 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CD93
Sequence Length	652
Samples	Cell culture supernates, serum, plasma (heparin, EDTA), saliva and urine
Assay Type	Sandwich
Detection Range	78pg/ml-5000pg/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 between 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 (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human CD93/C1qR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD93 elisa kit	Principle of the assay: human CD93 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CD93 has been precoated onto 96-well plates. Standards(NSO, A24-K580) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CD93 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CD93 amount of sample captured in plate. Background: CD93 (Cluster of Differentiation 93) is a protein that in humans is encoded by the CD93 gene. CD93 belongs to the Group XIV C-Type lectin family and is mapped to 20p11.21. The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. It has also showed that this receptor is a positive marker for all bone marrow-repopulating stem cells because it is expressed on both CD34-negative and CD34-positive stem cells from umbilical cord blood and adult bone marrow. In addition, highly purified lineage-negative cells with the CD93 protein not only have bone marrow-repopulating capacity but also can differentiate into human hepatocytes in vivo.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21759074
NCBI GeneID	22918
UniProt Accession #	Q9NPY3; O00274
Molecular Weight	68,560 Da
NCBI Official Full Name	Complement component C1q receptor
NCBI Official Synonym Full Names	CD93 molecule
NCBI Official Symbol	CD93
NCBI Official Synonym Symbols	C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1
NCBI Protein Information	complement component C1q receptor; C1qR; CD93 antigen; C1q receptor 1; C1q/MBL/SPA receptor; matrix-remodelling associated 4; matrix-modeling-associated protein 4; complement component 1 q subcomponent receptor 1; complement component 1, q subcomponent, receptor 1
UniProt Protein Name	Complement component C1q receptor
UniProt Gene Name	CD93
UniProt Synonym Gene Names	C1QR1; MXRA4; C1qR; C1qR(p); C1qRp
UniProt Entry Name	C1QR1_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://www.aaabiotech.com/human-elisa-kits/cd93-c1qr/45803>