

Human CLEC10A ELISA Kit | CLEC10A elisa kit

Human CLEC10A PicoKine ELISA Kit

CATALOG #
AAA125255

REACTIVITY
Human

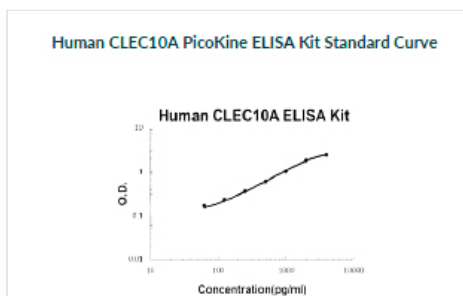
PRODUCT SYNONYMS

CLEC10A; Human CLEC10A PicoKine ELISA Kit; Human CLEC10A; C-type lectin domain containing 10A; C-type lectin domain family 10 member A; C-type lectin superfamily member 14; Macrophage lectin 2; CD301; CLECSF13; CLECSF14; HML; CLEC10A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CLEC10A
Sequence Length	316
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<50pg/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 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC10A elisa kit	Principle of the Assay: The Picokine™ Human CLEC10A Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CLEC10A with a 96-well strip plate that is pre-coated with antibody specific for CLEC10A. The detection antibody is a biotinylated antibody specific for CLEC10A. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human CLEC10A with immunogen: Expression system for standard: NSO, Immunogen sequence: Q61-H316. The kit is analytically validated with ready to use reagents. To measure Human CLEC10A, 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 substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human CLEC10A in the sample. Read the density 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 CLEC10A in the sample.!!Background/Introduction: C-type lectin domain family 10 member A also known as CLEC10A is a protein that in humans is encoded by the CLEC10A gene. This gene is mapped to 17p13.1. This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may function as a cell surface antigen. Two transcript variants encoding distinct isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59797948
NCBI GeneID	10462
UniProt Accession #	Q8IUN9
NCBI Official Full Name	C-type lectin domain family 10 member A
NCBI Official Synonym Full Names	C-type lectin domain containing 10A
NCBI Official Symbol	CLEC10A
NCBI Official Synonym Symbols	HML; MGL; HML2; CD301; CLECSF13; CLECSF14
NCBI Protein Information	C-type lectin domain family 10 member A
UniProt Protein Name	C-type lectin domain family 10 member A
UniProt Gene Name	CLEC10A
UniProt Synonym Gene Names	CLECSF13; CLECSF14; HML
UniProt Entry Name	CLC10_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.