

Human CLEC1B ELISA Kit | CLEC1B elisa kit

Human CLEC1B PicoKine ELISA Kit

CATALOG #
AAA125209

REACTIVITY
Human

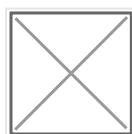
PRODUCT SYNONYMS

CLEC1B; Human CLEC1B PicoKine ELISA Kit; Human CLEC1B; C-type lectin domain family 1 member B; C-type lectin-like receptor 2; CLEC-2; CLEC2; UNQ721; PRO1384; CLEC1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CLEC1B
Sequence Length	196
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
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 CLEC1B elisa kit	Principle of the Assay: The Picokine™ Human CLEC1B Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CLEC1B with a 96-well strip plate that is pre-coated with antibody specific for CLEC1B. The detection antibody is a biotinylated antibody specific for CLEC1B. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human CLEC1B with immunogen: Expression system for standard: NSO, Immunogen sequence: S55-P229. The kit is analytically validated with ready to use reagents. To measure Human CLEC1B, 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 unbound 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 CLEC1B 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 CLEC1B in the sample.!!Background/Introduction: C-type lectin domain family 1 member B is a protein that in humans is encoded by the CLEC1B gene. This gene is mapped to 12p13.31-p13.2. Natural killer (NK) cells express multiple calcium-dependent (C-type) lectin-like receptors, such as CD94 and NKG2D, that interact with major histocompatibility complex class I molecules and either inhibit or activate cytotoxicity and cytokine secretion. CLEC2 is a C-type lectin-like receptor expressed in myeloid cells and NK cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153252048
NCBI GeneID	51266
NCBI Accession #	NP_001092901.1
NCBI GenBank Nucleotide #	NP_001092901.1
UniProt Accession #	Q9P126
NCBI Official Full Name	C-type lectin domain family 1 member B isoform b
NCBI Official Synonym Full Names	C-type lectin domain family 1 member B
NCBI Official Symbol	CLEC1B
NCBI Official Synonym Symbols	CLEC2; CLEC2B; PRO1384; QDED721; 1810061I13Rik
NCBI Protein Information	C-type lectin domain family 1 member B
UniProt Protein Name	C-type lectin domain family 1 member B
UniProt Gene Name	CLEC1B
UniProt Synonym Gene Names	CLEC2; CLEC-2
UniProt Entry Name	CLC1B_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.