

Human CCL15/Mip 1 Delta ELISA Kit | CCL15 elisa kit

Human CCL15/Mip 1 Delta PicoKine Quick ELISA Kit

CATALOG # AAA126826	REACTIVITY Human	APPLICATIONS ELISA
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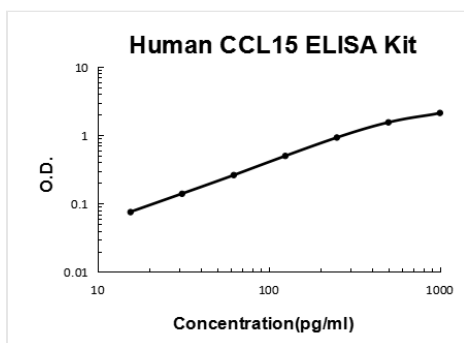
PRODUCT SYNONYMS

CCL15/Mip 1 Delta; Human CCL15/Mip 1 Delta PicoKine Quick ELISA Kit; CCL15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CCL15
Assay Type	Sandwich
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CCL15 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 CCL15 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL15 elisa kit	Background: Chemokine(C-C motif) ligand 15(CCL15) is a small cytokine belonging to the CC chemokine family that is also known as leukotactin-1, MIP5 and HCC-2. CCL15 is expressed in liver, small intestine, colon, and in certain leukocytes and macrophages of the lung. It is chemotactic for neutrophils, monocytes, and lymphocytes and elicits its effects by binding to cell surface chemokine receptors like CCR1 and CCR3. The human CCL15 gene spans four exons and is located in a head-to-tail orientation on chromosome 17 with the gene of another CC chemokine known as CCL14. Principle of the Assay: The Quick Picokine™ Human CCL15 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CCL15 in cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA). It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Human CCL15 protein as standards. To measure Human CCL15, add standards and samples to the wells, then add antibody cocktail. Wash the wells 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 is linearly proportional to Human CCL15 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 CCL15 in the sample.
Product Categories/Family for CCL15 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	597709818
NCBI GeneID	6359
NCBI Accession #	NP_116741.2
NCBI GenBank Nucleotide #	NM_032965.5
UniProt Accession #	Q16663; Q9UM74; B2RU34; E1P651
Molecular Weight	12,248 Da
NCBI Official Full Name	C-C motif chemokine 15 preproprotein
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 15
NCBI Official Symbol	CCL15
NCBI Official Synonym Symbols	LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta
NCBI Protein Information	C-C motif chemokine 15; chemokine CC-2; leukotactin 1; macrophage inflammatory protein 5; new CC chemokine 3; small inducible cytokine subfamily A (Cys-Cys), member 15; small-inducible cytokine A15
UniProt Protein Name	C-C motif chemokine 15
UniProt Gene Name	CCL15
UniProt Synonym Gene Names	MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5
UniProt Entry Name	CCL15_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.