

Human IL-17C ELISA Kit | IL17C elisa kit

Human IL-17C PicoKine ELISA Kit

CATALOG #
AAA45756

REACTIVITY
Human

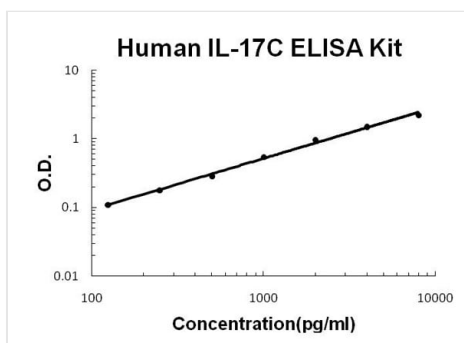
PRODUCT SYNONYMS

IL-17C; Human IL-17C PicoKine ELISA Kit; Interleukin-17C; interleukin 17C; CX2; Cytokine CX2; IL 17C; IL 21; IL17C; IL17C_HUMAN; Interleukin 17C; MGC126884; MGC138401; IL17C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human IL-17C
Sequence Length	197
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	125pg/ml-8000pg/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 IL-17C PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL17C elisa kit	Principle of the assay: human IL-17C ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for IL-17C has been precoated onto 96-well plates. Standards(E.coli, H19-V197) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for IL-17C 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 IL-17C amount of sample captured in plate. Background: IL17C, also known as CX2, is a protein that in humans is encoded by the IL17C gene. IL17C is mapped to 16q24.3. The protein encoded by this gene is a T cell-derived cytokine that shares the sequence similarity with IL17. This cytokine was reported to stimulate the release of tumor necrosis factor alpha and interleukin 1 beta from a monocytic cell line. The expression of this cytokine was found to be restricted to activated T cells. IL17C is an essential autocrine cytokine regulating innate epithelial immune responses. It also plays an important role in the pathogenesis of inflammatory arthritis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20138769
NCBI GeneID	27189
UniProt Accession #	Q9P0M4; Q3MIG8; Q9HC75
Molecular Weight	21,765 Da
NCBI Official Full Name	Interleukin-17C
NCBI Official Synonym Full Names	interleukin 17C
NCBI Official Symbol	IL17C
NCBI Official Synonym Symbols	CX2; IL-17C
NCBI Protein Information	interleukin-17C; cytokine CX2
UniProt Protein Name	Interleukin-17C
UniProt Gene Name	IL17C
UniProt Synonym Gene Names	IL-17C
UniProt Entry Name	IL17C_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.