

Human IL-17C ELISA Kit | IL17C elisa kit

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CATALOG # AAA261743	REACTIVITY Human	APPLICATIONS ELISA
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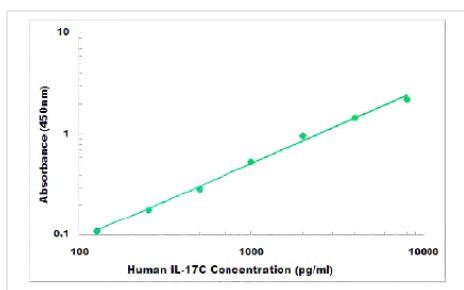
PRODUCT SYNONYMS

IL-17C; Human IL-17C ELISA Kit; Interleukin-17C; Cytokine CX2; IL17C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-17C ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-17C proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	197
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for IL17C elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17C elisa kit	Principle of the Assay The Human IL-17C ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-17C in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-17C coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-17C present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-17C antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-17C bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: 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
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.

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Online datasheet: <https://stage.aaabiotech.com/il17c-human-elisa-kits/il-17c/261743>