

Interleukin 17C (IL17C) CLIA Kit | IL17C clia kit

CLIA Kit for Interleukin 17C (IL17C)

CATALOG #
AAA130554

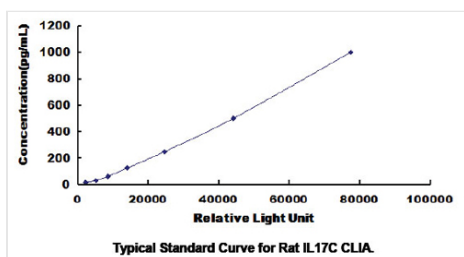
PRODUCT SYNONYMS

Interleukin 17C (IL17C); CLIA Kit for Interleukin 17C (IL17C); IL17C clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 17C (IL17C) No significant cross-reactivity or interference between Interleukin 17C (IL17C) and analogues was observed.
Sequence Length	197
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.372-1000pg/mL The standard curve concentrations used for the ELISA's were 1000pg/mL, 333.33pg/mL, 111.11pg/mL, 37.04pg/mL, 12.346pg/mL, 4.115pg/mL, 1.372pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 5.9pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interleukin 17C (IL17C) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interleukin 17C (IL17C) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17C clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interleukin 17C (IL17C) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019435
NCBI GeneID	27189
NCBI Accession #	NP_037410.1
NCBI GenBank Nucleotide #	NM_013278.3
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.