

Rat Interleukin 17F (IL17F) CLIA Kit | IL17F clia kit

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CATALOG #
AAA130449

REACTIVITY
Rat

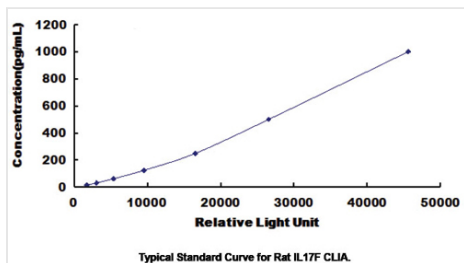
PRODUCT SYNONYMS

Interleukin 17F (IL17F); Rat Interleukin 17F (IL17F) CLIA Kit; ML-1; IL17F clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Interleukin 17F (IL17F). No significant cross-reactivity or interference between Interleukin 17F (IL17F) and analogues was observed.
Sequence Length	163
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	0.64pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Interleukin 17F (IL17F) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Interleukin 17F (IL17F) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
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 IL17F clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Interleukin 17F (IL17F). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interleukin 17F (IL17F). 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 17F (IL17F) level in the sample or standard.;
Product Categories/Family for IL17F clia kit	Cytokine; Tumor immunity; Infection immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	16418375
NCBI GeneID	112744
NCBI Accession #	NP_443104.1
NCBI GenBank Nucleotide #	NM_052872.3
UniProt Accession #	Q96PD4; Q6NSI0; Q7Z6P4; Q96PI8; Q9NUE6
Molecular Weight	18,045 Da
NCBI Official Full Name	interleukin-17F
NCBI Official Synonym Full Names	interleukin 17F
NCBI Official Symbol	IL17F
NCBI Official Synonym Symbols	ML1; ML-1; CANDF6; IL-17F
NCBI Protein Information	interleukin-17F
UniProt Protein Name	Interleukin-17F
UniProt Gene Name	IL17F
UniProt Synonym Gene Names	IL-17F
UniProt Entry Name	IL17F_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.