

Human Interleukin 17D (IL17D) ELISA Kit | IL17D elisa kit

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CATALOG #
AAA13946

REACTIVITY
Human

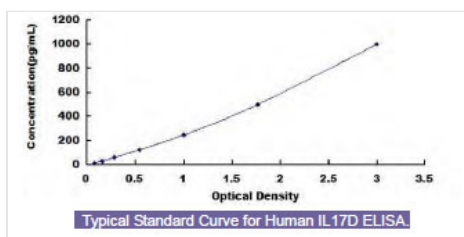
PRODUCT SYNONYMS

Interleukin 17D (IL17D); Human Interleukin 17D (IL17D) ELISA Kit; Interleukin-27; IL17D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL17D. No significant cross-reactivity or interference between IL17D and analogues was observed.
Sequence Length	202
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	<5.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL17D were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL17D were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17D elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of IL17D in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL17D. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL17D. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL17D, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IL17D in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923715
NCBI GeneID	53342
NCBI Accession #	NP_612141.1
NCBI GenBank Nucleotide #	NM_138284.1
UniProt Accession #	Q8TAD2; B1AM69
Molecular Weight	21,893 Da
NCBI Official Full Name	interleukin-17D
NCBI Official Synonym Full Names	interleukin 17D
NCBI Official Symbol	IL17D
NCBI Official Synonym Symbols	IL-17D
NCBI Protein Information	interleukin-17D
UniProt Protein Name	Interleukin-17D
UniProt Gene Name	IL17D
UniProt Synonym Gene Names	IL-27

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.