

IL-17F elisa kit

Human IL-17F ELISA Kit

CATALOG #	REACTIVITY
AAA58600	Human. No cross reaction with IL-17A, IL-17B, IL-17D, IL-17E, IL-5, IL-8 and Perforin. Recognizes IL-17A/F.

PRODUCT SYNONYMS

IL-17F; Human IL-17F ELISA Kit; IL-17F elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reaction with IL-17A, IL-17B, IL-17D, IL-17E, IL-5, IL-8 and Perforin. Recognizes IL-17A/F.
Specificity	The assay recognizes natural human IL-17F. To define specificity of this ELISA, several proteins were tested for cross reactivity. There was no cross reactivity observed for these proteins tested IL-17A, IL-17B, IL-17D, IL 17E, IL-5, IL-23, Perforin. The kit shows cross reactivity with the human IL 17NF heterodimer.
Sequence Length	163
Samples	Serum and plasma samples and other body fluids
Assay Type	Quantitative Sandwich
Sensitivity	6.0pg/ml.

ADDITIONAL INFORMATION

Related Product Information for IL-17F elisa kit	Intended Uses: Diacione IL-17F ELISA kit is a solid phase sandwich ELISA for the in vitro qualitative and quantitative determination of IL-17F in supernatants, buffered solutions or serum and plasma samples and other body fluids. This assay will recognise both natural and recombinant human IL-17F. Principle of the Assay: A capture Antibody highly specific for IL-17F has been coated to the wells of the microtitre strip plate provided during manufacture. Binding of IL-17F in samples and known standards to the capture antibodies is completed and then any excess unbound analyte is removed. During the next incubation period the binding of the biotinylated anti-IL-17F secondary antibody to the analyte occurs. Any excess unbound secondary antibody is then removed. The HRP conjugate solution is then added to every well including the zero wells, following incubation excess conjugate is removed by careful washing. A chromogen substrate is added to the wells resulting in the progressive development of a blue coloured complex with the conjugate. The colour development is then stopped by the addition of acid turning the resultant final product yellow. The intensity of the produced coloured complex is directly proportional to the concentration of IL-17F present in the samples and standards. The absorbance of the colour complex is then measured and the generated OD values for each standard are plotted against expected concentration forming a standard curve. This standard curve can then be used to accurately determine the concentration of IL-17F in any sample tested.
Product Categories/Family for IL-17F elisa kit	Human ELISA Kit

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/il-17f/58600>