

Mouse interleukin 17F ELISA Kit | IL17F elisa kit

Mouse Interleukin-17F, IL17F ELISA Kit

CATALOG #
AAA112602

REACTIVITY
Mouse

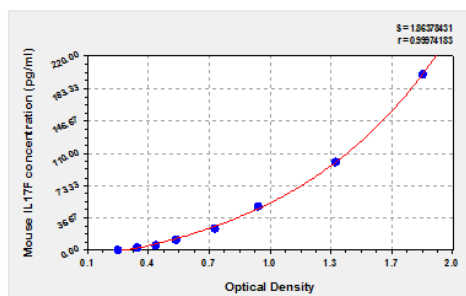
PRODUCT SYNONYMS

interleukin 17F; Mouse Interleukin-17F; IL17F ELISA Kit; Mouse Interleukin-17F (IL17F) ELISA kit; IL-17F; ML-1; ML1; cytokine ML-1; IL17F elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IL17F. No significant cross-reactivity or interference between mouse IL17F and analogues was observed.
Sequence Length	161
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 pg/ml -200 pg/ml.
Sensitivity	The minimum detectable dose of mouse IL17F is typically less than 0.78 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17F elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL17F has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL17F present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL17F is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL17F bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119360346
NCBI GeneID	257630
NCBI Accession #	NP_665855.2
NCBI GenBank Nucleotide #	NM_145856.2
UniProt Accession #	Q7TNI7; Q8K4C3
Molecular Weight	17,941 Da
NCBI Official Full Name	interleukin-17F
NCBI Official Synonym Full Names	interleukin 17F
NCBI Official Symbol	Il17f
NCBI Official Synonym Symbols	C87042; 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_MOUSE

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/il17f-mouse-elisa-kits/interleukin-17f/112602>