

Mouse IL-17D ELISA Kit | IL17D elisa kit

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CATALOG # AAA261690	REACTIVITY Mouse	APPLICATIONS ELISA
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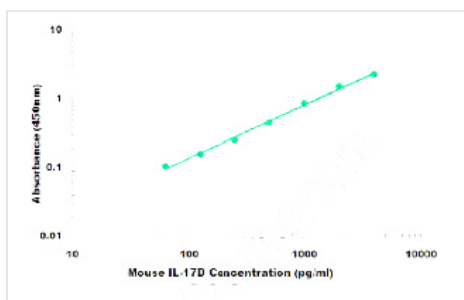
PRODUCT SYNONYMS

IL-17D; Mouse IL-17D ELISA Kit; IL27; Interleukin-17D; Interleukin-27; IL-27; IL17D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse IL-17D ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse IL-17D proteins within the range of 62.5 pg/ml - 4000 pg/ml.
Sequence Length	205
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	10 pg/ml.
Applicable Applications for IL17D elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL17D elisa kit	Principle of the Assay: The Mouse IL-17D ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse IL-17D in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse IL-17D coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-17D present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse IL-17D antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-17D bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Interleukin 17D (IL-17D) is a member of the unique IL-17 family, which share a conserved cysteine motif. It is mapped to 13q12.11. IL-17D regulates cytokine production in endothelial cells and inhibits hemopoiesis in vitro. Purified recombinant IL-17D inhibited myeloid progenitor cell colony formation. IL-17D can enhance endothelial cell production of IL6, IL8, and GMCSF, but not other cytokines. And it is preferentially expressed in skeletal muscle, brain, adipose tissue, heart, lung, and pancreas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81866770
UniProt Accession #	Q8K4C4
Molecular Weight	22,391 Da
NCBI Official Full Name	IL-17D
UniProt Protein Name	IL-17D
UniProt Gene Name	IL17d
UniProt Entry Name	Q8K4C4_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.