

Human IL-17E ELISA Kit | IL25 elisa kit

Human IL-17E ELISA Kit

CATALOG # AAA261695	REACTIVITY Human	APPLICATIONS ELISA
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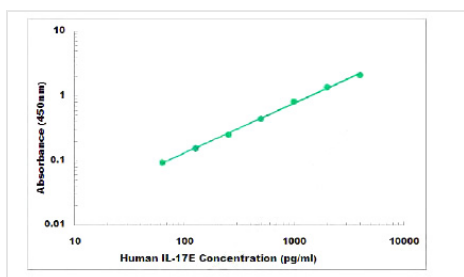
PRODUCT SYNONYMS

IL-17E; Human IL-17E ELISA Kit; IL17E; Interleukin-25; IL-25; Interleukin-17E; IL25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human IL-17E ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human IL-17E proteins within the range of 62.5 pg/ml - 4000 pg/ml.
Sequence Length	177
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	10 pg/ml.
Applicable Applications for IL25 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 IL25 elisa kit	Principle of the Assay The Human IL-17E ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-17E in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-17E coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-17E present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-17E 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-17E 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-25 (IL-25), also known as interleukin-17E (IL-17E), is a protein that in humans is encoded by the IL25 gene. It is a cytokine that belongs to the IL-17 cytokine family and mapped to 14q11.2. IL-25 is secreted by type 2 helper T cells (Th2) and mast cells. It has been found that IL-25 can induce Th2-type cytokine expression and production by non-T, non-B accessory cells that express high levels of major histocompatibility complex class II and low levels of Cd11c. This cytokine also can induce NF-kappaB activation, and stimulate the production of IL8. What's more, IL-25 is an important molecule controlling immunity of the gut and has been implicated in chronic inflammation associated with the gastrointestinal tract.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20138730
NCBI GeneID	64806
UniProt Accession #	Q9H293; Q2M3F0; Q8IZV3; Q8WXB0
Molecular Weight	18,523 Da
NCBI Official Full Name	Interleukin-25
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	IL17E
NCBI Protein Information	interleukin-25
UniProt Protein Name	Interleukin-25
UniProt Gene Name	IL25
UniProt Synonym Gene Names	IL17E; IL-25; IL-17E
UniProt Entry Name	IL25_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://stage.aaabiotech.com/il25-human-elisa-kits/il-17e/261695>